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Creative entrepreneurs and embeddedness in non-urban places: a resource exchange and network embeddedness logic

Structured abstract

Purpose: Drawing from resource-based theorising, the concept of network embeddedness and a process perspective on entrepreneurship, this paper establishes a conceptual framework to explain a multi-level and multi-locational network embeddedness of creative entrepreneurs in non-urban places. It challenges stylised facts about creative entrepreneurship as a predominantly urban phenomenon.

Design/methodology/approach: Based upon the conceptual framework for creative entrepreneurship in a non-urban place, an illustrative case study of small-scale creative-design entrepreneurs on the Lofoten Islands in Norway (2019) is utilised to discuss the framework.

Findings: The conceptual paper derives a fine-grained understanding about how creative entrepreneurship emerges and develops in non-urban places and contributes to a better understanding of how such places can nurture such entrepreneurship through multiple network embeddedness and resource-exchange configurations.

Originality: The paper uses an original conceptual framework.

Research limitations/implications: The article will enable further empirical research that tests, validates and, if necessary, refines the framework established.

Practical and social implications: Creative entrepreneurs should use various resource-exchange combinations with diverse networks to become locally embedded in non-urban places. Public-policy managers need to be aware of this variety that may exist with the network embeddedness of such entrepreneurs to support them and develop the location through resource provisions.

Keywords

Creative entrepreneurship, multi-level network embeddedness, multi-locational network embeddedness, resource exchanges, nascent entrepreneurship, incumbent entrepreneurship, non-urban places, illustrative case study.

Article classification: Conceptual paper

Introduction

Following recent voices that emphasise the importance of context for entrepreneurship research (Baker and Welter, 2020; Zahra et al., 2014; Autio et al., 2014), this paper explores creative entrepreneurship as a contextualised phenomenon in non-urban locations (Müller and Korsgaard, 2018; Huggins et al., 2015; Westlund et al., 2014). Creative entrepreneurship is defined in this paper as entrepreneurial processes by small-scale creative-design and creativeartistic entrepreneurs, who are aligned to the wider field of the creative economy (Howkins, 2002; cf., Werthes et al., 2017). The creative economy can be associated with a broad range of "those industries which have their origin in individual creativity, skill and talent which have a potential for job and wealth creation through the generation and exploitation of intellectual property" (DCMS, 2001). According to the European Commission (2018, Article 2 (2)), "[c]ultural and creative sectors are comprised of all sectors whose activities are based on cultural values, or other artistic individual or collective creative expressions". In the literature, a further distinction is made between core sectors of the creative-cultural economies, consisting of art-related and artistic professions, and surrounding sectors accompanying the core service sectors, e.g., advertising, media, IT-related professions (O'Connor, 2007, p.47). Departing from these definitions and concepts, in the context of this paper, creative entrepreneurship is understood as the manufacturing of creative-design and creative-artistic products and services which embody, at least partly, a non-material cultural, i.e., aesthetic value (cf., Smit, 2001).¹

Moreover, this type of entrepreneurship is explored in this paper as a phenomenon associated with non-urban places², such as rural, peripheral and remote regions, which provide specific contextual conditions for entrepreneurship (Leick *et al.*, 2022; Stephens and Partridge, 2011). Although these contextual conditions have recently been considered as being conducive to entrepreneurship (Pato and Teixeira, 2016), for instance, due to natural amenities (Schaeffer and Dissart, 2018), non-urban places are notwithstanding often portrayed as being "less dense, less dynamic and... lacking innovation capabilities", and thus as disadvantaged regarding "a

Importantly, the entrepreneurs addressed in this paper cannot be clearly assigned to the various subsectors within the creative economy, which may result in richly layered motivations for their entrepreneurship (e.g., Faggian et al., 2013; Eikhof and Haunschild, 2007) that cannot be properly internalised with the perspective applied here. Indeed, the present paper overall utilises an outsider perspective (Sanchez-Burks et al., 2015) on creativity and entrepreneurship through business processes as it does not investigate the internal motivations of the creative enterprising individuals.

Rural, peripheral and remote locations are commonly grouped as one category labelled lagging or non-core places (Stephens and Partridge, 2001; Leick and Lang, 2018). For the purpose of this paper, the common denominator of these locations is that they do not classify as urban places regarding the resources provided to creative individuals, as compared to urban places, such as large capital cities.

number of interrelated aspects such as distance, density, networks and resources" (Graffenberger and Vonnahme, 2019, p.532).

The present paper aims to challenge such connotations of non-urban places in relation to the argument that creative entrepreneurs as such depend upon an urban *milieu* with its abundance (*i.e.*, quantity) of resources (*cf.*, Duxbury, 2021; Balfour *et al.*, 2018; Korsgaard *et al.*, 2015a; Freire-Gibb and Nielsen, 2014; McGranahan *et al.*, 2011; Alvarez and Busenitz, 2001) in order to exploit opportunities and transform creativity into marketable products (de Bruin, 2005; Drake, 2003). Conceptually, this argument revolves around Richard Florida's (2019, 2005) work on the creative class and its observed preference for urban lifestyles. Evidently, creative entrepreneurs might depend upon a critical mass of consumers, who, by nature, are more numerous in cities (Todeschini *et al.*, 2017; Mills, 2011) than in non-urban places. In addition, some creative entrepreneurs will have their upstream- and downstream networks located in large cities (Stahl, 2008).

This paper does not focus on urban creative entrepreneurs, but devotes its attention to those creative entrepreneurs, who choose to locate in non-urban places. One important, yet understudied question about them is how they utilise resources from various networks that span across different locations in order to start and develop a creative business outside cities (*cf.*, Lazzeretti and Vecco, 2018; Wenting *et al.*, 2011; McGranahan *et al.*, 2011). For the conceptualisation of this under-studied question, it is assumed that creative entrepreneurs in non-urban places operate a small-scale manufacturing firm of creative products (Bakas *et al.*, 2019) that can be performed outside urban places. This renders the entrepreneurs less dependent upon resources provided through proximity-based global supply-networks, notably when the entrepreneurs do not depend upon a localised (mass) consumption of their goods or services (*cf.*, Solomon and Mathias, 2020; Trip and Romein, 2014). Hence, they may take advantage of the arbitrage of locational benefits according to their personal preferences and needs.³

Against this backdrop, a conceptual framework will be established that draws from a networked resource-based perspective (Lavie, 2006; Alvarez and Busenitz, 2001), the notion of socio-

This conceptualisation overlaps to some extent with the stylised facts about lifestyle entrepreneurship. Commonalities lie in the value-based and passion-driven act of enterprising (Tomassini *et al.*, 2021) that does not always correspond to economic principles (Reid, 2021). However, creative entrepreneurship embraces the creative economy, whereas lifestyle entrepreneurship may be situated in a variety of (creative or non-creative) contexts, such as sports and leisure sectors, tourism and agriculture.

spatial embeddedness (Uzzi 1997; Hess, 2004; cf. Simsek et al., 2003), and a process perspective on entrepreneurship (Hite, 2005; Hite and Hesterly, 2001; cf., Langley et al., 2013). It proposes that creative entrepreneurship in non-urban places can be understood as *a mutually* resource-dependent and resource-providing entrepreneurial process (Alvarez and Busenitz, 2001), leading to a complex multi-level and multi-locational network embeddedness of the entrepreneur. Because creative entrepreneurs retrieve valuable resource sets from networks both in the non-urban location and elsewhere, and also provide such resource bundles to networks in the non-urban location and in other places, their multi-locational and multi-level resource exchanges shape a socio-spatial network embeddedness in the non-urban place. Thereby, an answer will be provided to the unresolved question about the interplay of resource exchanges taking place in various networks with which the entrepreneurs are aligned by pointing to a variety of possible network-embeddedness configurations (cf., Hoang and Antoncic, 2003). The framework also hypothesises that, irrespective of the specific networkembeddedness configuration, a minimal level of local network embeddedness is a prerequisite to sustain creative entrepreneurship in the non-urban place. An illustrative case study is used to demonstrate the logic of the framework through portraits of five creative entrepreneurs from the Lofoten Islands, a rural and remote Norwegian creativity hub.

The paper makes the following contributions to the literature: firstly, although the literature addresses specific creative entrepreneurs (e.g., in tourism or cultural fields) located outside urban locations (for instance, Duxbury, 2021; Mahon et al., 2018), only very few studies demonstrate how creative individuals, such as small-scale design (Gu, 2014; Jansson and Power 2010; Masson et al., 2007), artistic (Sasaki, 2010) or artisanal entrepreneurs (Bakas et al., 2019), establish themselves based upon resource-exchanges and networking outside globallyoperating, urbanised industries. Both Chen and Tseng (2021) and Chang and Chen (2020) address network exchanges of creative entrepreneurs, however, without including non-urban locations in their analysis. This results in a lack of empirical research about counter-urban entrepreneurs and the role of their networking and resource exchanges in this sector that could motivate theory-building. Hence, this paper contributes to a better understanding of such network-based regional entrepreneurship in the studied segment of the creative economy. Secondly, the paper demonstrates on a conceptual level the intertwinement of network-based resource exchanges (Lavie, 2006) and the resulting network-embeddedness configurations during the entrepreneurial process (Hite and Hesterly, 2001). Notably, the distinction between spatially-organised resource-dependent and resource-providing exchanges in networks during

nascent *versus* incumbent entrepreneurship offers explanatory value because it conceptualises how entrepreneurs become locally embedded through the twofold interaction mechanisms of resource-dependency and resource-provision, without becoming locked-in a given network structure (Grillitsch, 2019). This distinction furthermore enables an initial theoretical description of how creative (and other) entrepreneurs turn into potential role models in non-urban locations (Berglund *et al.*, 2016). Thirdly, the conceptualisation of various network-embeddedness configurations enhances the understanding of how the social embeddedness (Jack and Anderson, 2002) and spatial embeddedness (Kalantaridis and Bika, 2006) of entrepreneurs in networks interact during the entrepreneurial journey. Although this intertwinement through resource exchanges will be presented as a complex phenomenon, the framework reduces this complexity by offering a fine-grained description of how local network embeddedness can be generated and sustained (Korsgaard *et al.*, 2015a).

The remainder of this paper is organised as follows: the next section will present the related literature, which is followed by a section introducing the conceptual framework. Subsequently, we will present the illustrative case study before the conceptual framework will be discussed in the light of the example. The final section will provide the conclusion, the theoretical and empirical implications.

Related literature

Creative entrepreneurship

Policy-oriented definitions (e.g., European Commission, DCMS, 2001) associate a broad range of heterogeneous sectors with the creative economy, in general, and creative entrepreneurship, in particular, as part of this wide domain. Indeed, the notion of creative entrepreneurship is not anchored in a clearly denominated definition (Hausmann and Heinze, 2016). Smit (2001, p.169) define creative entrepreneurs as follows: "they all concentrate on economic activities dedicated to producing goods and services with mainly aesthetic and symbolic value". For this production, creativity represents an important, yet rather indeterminate, input factor (Belitski and Desai, 2016). As Freire-Gibb and Nielsen (2014) claim, creative persons have specific personality traits that are conducive for entrepreneurial ventures, such as independence, achievement needs, high risk-taking, an intrinsic motivation derived from the work itself, a rather low extrinsic motivation from money and prestige alone, and self-confidence. Another defining characteristic

of creative entrepreneurs is that these individuals tend to work under precarious conditions (Gurova and Morozova, 2018).

For the purpose of this paper, it is assumed that creative entrepreneurs unite two different characteristics: they are, to some extent, at least, creative-artistic individuals, who have no principal interest in commercialisation, on the one hand, and they are also businesspeople, who market and sell commercialisable pieces of art, or related "output" of creative work, on the other (Mazzoni and Lazzaretti, 2018; de Bruin, 2005). In addition, their professional choices are often driven by lifestyle decisions (Eikhof and Haunschild, 2006). Because of their hybrid nature, these entrepreneurs might find it difficult to earn sufficient money and sustain a certain standard of living (Oakley, 2013), particularly because not all their creative activities respond to the economic principles of markets (Eikhof and Haunschild, 2007).

Accordingly, the understanding of creative entrepreneurs in this paper relates to creative enterprising individuals, such as designers, artists, or small-scale artistic-artisan manufacturers and providers of creative-artistic content, who manage to transform, at least to a large extent, their artistic, design, and/or artisanal production into a marketable and commercial solution that meets a certain demand in the market – through a combination of a physical product or intangible service with an aesthetic-symbolic value (*cf.*, Aakko and Niinimäki, 2018; Mazzoni and Lazzaretti, 2018; Overdiek, 2016). This understanding is in line with the general determinants and behavioural traits of entrepreneurs (Cuervo *et al.*, 2007; Reynolds, 2005).

The locational choices of creative entrepreneurs

Undoubtedly, creative entrepreneurship is contingent upon a creative *milieu* as a necessary field-level condition, including the individual entrepreneur's social capital in this *milieu* (Scott, 2006; Drake, 2003). Therefore, this type of entrepreneurship has commonly been considered as a prototypical urban phenomenon, which resonates with Richard Florida's (2019, 2005) theory of the urban creative class that needs the abundance of resources in such places, such as tolerance for creative lifestyles, technology, and a diversity of social networks. In fact, the empirical literature addressing this theory focuses mainly on urban regions (Konrad and Höllen, 2021; Haisch and Klöpper, 2015; Faggian *et al.*, 2013). According to the logic of Florida's theory, non-urban places are seemingly less resource-providing for creative entrepreneurs (*cf.*

Anderson, 2000), which is confirmed by several studies (Wijngaarden *et al.*, 2019; Wenting *et al.*, 2011; Smit, 2011).

Notwithstanding this, recent voices have criticised the lack of attention for non-urban places when it comes to the creative economy (for instance, policy targeting this sector; Duxbury, 2021). In addition, other empirical studies show how such entrepreneurs choose to locate outside cities, for example, Brydges and Hracs (2019), who describe how independent fashion entrepreneurs establish an alternative home base in peripheral locations. Therefore, based upon the ambiguous evidence from the recent literature, Florida's hypothesis can be criticised for its lack of attention to creative professions that have been observed in non-urban places, as McGranahan *et al.* (2011, p.530) state: "some creative workers may choose to forego higher urban earnings in exchange for the quality of life found in places endowed with natural amenities and that were this occurs, it may lead to business formation and economic growth, facilitated in part by the attraction of more creative class members." Quite clearly, creative entrepreneurs do operate in various regional contexts (Cuervo, 2005), including non-urban places.

Entrepreneurship and the notion of socio-spatial embeddedness

Recent theoretical accounts have emphasised socio-spatial embeddedness as an important driver of entrepreneurship, both during the start-up stage and in the subsequent business development (Wigren-Kristofersen *et al.*, 2019; Korsgaard *et al.*, 2015a; Jack and Anderson, 2002). Scott (2006, p.4) defines the socio-spatial embeddedness of an entrepreneur as follows: "...the entrepreneur is not just a lonely individual pursuing a personal vision, but also a social agent situated within a wider system of production that can be represented as an actual and latent grid of interactions and opportunities in organizational and geographical space." Departing from this definition, the socio-spatial embeddedness of an entrepreneur has two dimensions.

Social embeddedness

Socio-spatial embeddedness is deeply entrenched with the social capital of an entrepreneur that resides in the social relationships and networks of these relationships with others (McKeever *et al.*, 2014; Granovetter, 1985). This *social embeddedness* is defined as "the degree to which

commercial transactions take place through social relations and networks of relations" (Uzzi, 1999, p.482). The social relationships of entrepreneurs include both ego-networks, such as private relationships with family members, friends, and colleagues, and professional, business-oriented networks with other entrepreneurs, business partners, and/or public-policy actors (Greve and Salaff, 2003). It can be argued that the social embeddedness denotes the belonging of an entrepreneur to communities of like-minded people, both privately and professionally (Anderson and Jack, 2002; Uzzi, 1997), and it builds the basis of an entrepreneur's commitment to provide resources to networks (Håkansson and Snehota, 2017).

As the transactions that are exchanged in such networks are typically inter-dependent and often reciprocal, entrepreneurs become inter-connected with other actors through such transactions taking place in various networks (Håkansson and Snehota, 2017). Thus, from the perspective of entrepreneurship theories, it has been stated that social embeddedness through networks represents a core resource for entrepreneurs, notably in the initial stages of the entrepreneurial process (Franco and Haase, 2013; Witt, 2004), which has a positive effect on the potential for opportunity-creation and growth (Anderson and Jack, 2002).

Spatial embeddedness

According to Hess (2004), embeddedness bears a spatially defined notion. However, what precisely the *spatial (or territorial) embeddedness* of an entrepreneur (McKeever *et al.*, 2015, Knoben and Oerlemans, 2006) means is harder to define. Since entrepreneurship often constitutes a local or regional phenomenon (Feldman, 2001), this paper relates to the local-regional scale, such as a village, a city, or a sub-national region, *e.g.*, a county. This scale is often decisive for the shaping of both the place-specific advantages for entrepreneurs (for instance, natural amenities, Schaeffer and Dissart, 2018) and the potential limitations (*e.g.*, a lack of public-policy support, Huggins and Thompson, 2015; Hite, 2005). In the literature (Korsgaard *et al.*, 2015a; Kalantaridis and Bika, 2007), the local embeddedness of an entrepreneur is commonly associated with manifold benefits accruing to both the entrepreneur and the location, which may result in a symbiosis of the entrepreneur and the location. Such a symbiosis will probably be the outcome of entrepreneurial processes when local (spatial) embeddedness strongly overlaps with social embeddedness and an integration of social with local networks of the entrepreneur takes place. In the literature on creativity and entrepreneurship, creative clusters are often referred to as hubs in which spatial embeddedness

(commonly as local embeddedness) materialises (Picone and Komorowski, 2020; Chapain and Comunian, 2010).

However, the exact relationship between social embeddedness, on the one hand, and local (spatial) embeddedness, on the other, is not fully clear. In this paper, the embeddedness of entrepreneurs is related to transactions in networks. From this perspective, Dahl and Sorensen (2009) show that Danish entrepreneurs value social networks and spatial proximity to social networks higher than purely regional factors, which points to a greater importance of *social* embeddedness, as compared to *local* embeddedness. In a similar vein, McKeever *et al.* (2015) find that a mix of social and spatial factors, to wit, socio-spatial embeddedness, leads to a commitment on the part of entrepreneurs to their location, one which goes beyond mere business-related activities (Bürcher, 2017). Ultimately, the lack of clear-cut empirical evidence renders it necessary to develop a theory-based framework to study the relationship of local network embeddedness and social factors supporting embeddedness.

A conceptual framework of the resource-dependent and resource-providing multi-level network embeddedness of creative entrepreneurs

To this aim, a conceptual framework is established, which combines arguments from resource-based theorising about resource-exchange mechanisms of creative entrepreneurs with a network-embeddedness perspective.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Nascent versus incumbent entrepreneurs

As a matter-of-fact, resources are vital to all entrepreneurs, including creative entrepreneurs (Chang and Chen, 2020), as they enable entrepreneurs to exploit initial opportunities and/or to develop new opportunities emerging during the entrepreneurial process (Alvarez and Busenitz, 2001). From a network-embeddedness perspective, creative entrepreneurs – like any other entrepreneurs – are both resource-dependent upon the network (in that they retrieve valuable resource bundles from networks) and resource-providing to the network (in that they provide resource bundles to networks). This assumption reflects an explanation that draws from social capital theory (Uzzi, 1997; Granovetter, 1985): social networks constitute a source of resource bundles for entrepreneurs (Lavie, 2006) and represent complementary value-creating settings

for them (Hite, 2005), which can provide relational rents for individual entrepreneurs based upon network relationships. Resource bundles consist of distinct sets of physical (land, office, production space, human capital) and intangible assets (information, attitudes, skills) or knowledge, inspiration and contacts (Lavie, 2006; Jarillo, 1989), including the social relations themselves (Uzunidis *et al.*, 2014). As creative entrepreneurs might depend upon amenities in the specific location, place-specific amenities, such as the recreational and inspirational value of the natural environment, represents a resource in itself in non-urban places (Korsgaard *et al.*, 2015b; McKeever *et al.*, 2015). According to sociological accounts (Granovetter, 1985; Uzzi, 1997), it is vital to understand that the resource bundles available through networks are accessible for entrepreneurs who are embedded in the networks.

How do entrepreneurs become embedded? This actually happens when they withdraw resources or resource bundles from, or provide resources for, other actors (individuals or firms) aligned to social networks, and hence interact with them (*cf.*, Greenberg *et al.*, 2018; Wincent and Westerberg, 2006). A resource-dependent exchange is when the social-network relations of an entrepreneur provide important resource bundles to the entrepreneur. Moreover, a resource-providing exchange takes place when entrepreneurs transfer resources to the networks that other network actors may access through the social relationships occuring in the networks. Hence, resource-dependent and resource-providing network transactions are paramount to understand how the network embeddedness of creative entrepreneurs is generated in a location, both in non-urban places and anywhere else.

Furthermore, different stages in the entrepreneurial process of creative individuals are considered by differentiating between individuals who are intending to start a self-employed business in the near future, or who have freshly started up (defined as 'nascent entrepreneurs'), and individuals who are already operational on a self-employed basis ('incumbent entrepreneurs') [cf., Fritsch and Sorgner, 2014; Tello et al., 2012]. The different stages that can be conceptually outlined are in line with the process model proposed by Wright and Stigliani (2013), in which the access to resources and their orchestration facilitates entrepreneurial growth. Hence, nascent entrepreneurs in the initial stages of their entrepreneurial journey are more resource-dependent than incumbent entrepreneurs in later operational stages of business

⁴ It is acknowledged that value creation through relationships, *e.g.*, in networks will not happen automatically, and value appropriation and value sharing issues might arise, which can obstruct network-based value creation (Lepak *et al.*, 2007). However, this perspective is not explicitly considered in the present paper.

development, because the liabilities of newness and smallness (Aldrich and Auster, 1986; Stinchcombe, 1965) affect them differently in the early stage, as compared to later stages (Hite, 2005; *cf.*, Sullivan and Ford, 2014; Newbert and Tornikoski, 2013). As incumbent entrepreneurs, creative entrepreneurs typically become more resource-endowed and thereby empowered to exploit new market opportunities (Alvarez and Busenitz, 2001).⁵ It then becomes more likely that incumbent entrepreneurs provide resources or resource bundles to networks and depend upon them to a lesser extent. In particular, creative entrepreneurs can provide important resources by shaping creative identities in non-urban places, which might compensate for a lack of critical mass of creative individuals (Berglund *et al.*, 2016). By this token, entrepreneurs may form part of a resource-providing infrastructure in a non-urban place.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Multiple configurations of socio-spatial embeddedness

Network embeddedness, derived from resource exchanges in networks, is another vital aspect for entrepreneurs to succeed (Huggins and Thompson, 2015). During their entrepreneurial process, the social networks in which entrepreneurs are embedded and exchange resources vary, as Hite and Hesterly (2001) describe: during nascent entrepreneurship, entrepreneurs become socially-embedded mainly through identity-based ego-networks (personal contact networks). However, during later stages of incumbent entrepreneurship, these networks may become less important and/or be supplemented by professional and calculative networks (Hite and Hesterly, 2001). Hence, the social embeddedness of entrepreneurs is associated with different types of social networks at play over time.

Concerning the spatial embeddedness of entrepreneurs (Huggins and Thompson, 2015), a high degree of local embeddedness is usually considered as being supportive of successful entrepreneurship in a location because entrepreneurs benefit from the overlap of their social and local network embeddedness (Farinha *et al.*, 2018; Greenberg *et al.*, 2018; Kalantaridis and Bika, 2006). Notwithstanding this, entrepreneurs can become too strongly embedded in the local social networks (Huggins and Thompson, 2015); as a result, they might be confronted with limitations regarding the access of social capital, for example, because of rigid norms or conformity pressures (Korsgaard *et al.*, 2015a). Furthermore, a strong local embeddedness may

It is important to mention that this paper does not explicitly conceptualise the network quality and structure during the entrepreneurial journey, as, for instance, Sullivan and Ford (2014) investigate.

not suffice for entrepreneurs to become socially embedded, and they may need to combine local and external social networks to acquire all the resources that are necessary for their entrepreneurship (Tuitjer and Küpper, 2020; Greenberg *et al.*, 2018; Korsgaard *et al.*, 2015a). An example of this can be found in the fact that, during later stages of the entrepreneurial process, entrepreneurs might need to buy-in specific competencies or knowledge to develop their business further. Concerning creative entrepreneurs, Hauge *et al.* (2009) demonstrate that the spatial embeddedness of fashion entrepreneurs in Sweden is determined by both local and global networks. Hermanson *et al.* (2018) and Gu (2014), however, still find a higher relevance of local embeddedness for creative professions, especially when local and social networks are overlapping.

Hence, the existing literature on the network embeddedness of creative entrepreneurs highlights that such entrepreneurs can retrieve resources or resource bundles from and provide resources for networks aligned with different places⁶, which is associated with various configurations of their socio-spatial embeddedness throughout their entrepreneurial process. This leads to the assumption that multiple embeddedness constellations exist for nascent *versus* incumbent entrepreneurs.

Setting the context

To exemplify the conceptual framework for the context studied, an illustrative case study is used, which will exemplify the key mechanisms described and enable subsequent empirical research. The embedding of an illustrative case in a conceptual paper is in line with Lindgreen *et al.* (2021), who suggest that, while empirical information plays a minor role when conceptual frameworks are derived from theory, the context of the phenomena studied should be empirically illustrated. Hence, for the framework presented, theory is the point of departure, and context information retrieved from a real-world example is utilised to broaden the perspective, thereby aligning the concept with its purpose (Lindgreen *et al.*, 2021).

Resource exchanges take place in a digitised world nowadays, which renders the spatial distance less relevant. This paper will, however, not focus on this condition because it is not critical to the understanding of this paper.

The journeys of five selected creative entrepreneurs⁷ from the Lofoten Islands in Northern Norway are traced retrospectively through narrative interviews (Johansson, 2004); this non-urban location is considered as a rural and remote locality with seasonal tourism activities and otherwise traditional fishery-based local industries, and it was selected for several reasons: firstly, this non-urban place has recently attracted Norwegian creative individuals because of the abundant natural amenities (wild nature, rough sea climate, open sea) and place-based opportunities (including economic advantages, such as available cheap housing and affordable workshop space). Secondly, the local communities are said to show an open-mindedness to strangers and a strong will to collaborate at local level, which forms part of the local mindset. Thirdly, this place was selected due to its remoteness because Norway has traditionally incorporated a mentality of supporting remote areas as a social value for communities, including entrepreneurs (Knudsen, 2018), which is reflected, for instance, in national-regional policy schemes.

The five entrepreneurs (Table 1) can be classified as remigrated locals or are other Norwegians who had moved to the Lofoten Islands from, *e.g.*, the capital city of Oslo, or other European metropolitan regions. One of the entrepreneurs did not permanently move to the non-urban place, but commutes to it from another Scandinavian location. Hence, the family and community ties of the five entrepreneurs are presumedly of different intensities. The entrepreneurs also have diverse educational and professional backgrounds, but a common denominator with all five is that they had shown a strong preference for creative-design and creative-artistic work early on in their professional lives. They operate in jewellery, art, pottery, fashion and accessory design/manufacturing, and one runs an event hotel with an emphasis on cultural-creative values, such as art-design exhibitions, art courses, musical concerts and events, *etc.* When the interviews were conducted, the entrepreneurs were incumbent entrepreneurs and had their businesses in operation on the Lofoten Islands.⁸

Table 1 about here

The five entrepreneurs were selected through initial contacts made by the authors and subsequent snowballing searches in line with a purposive-sampling strategy (Miles *et al.*, 2013); this strategy, ultimately, served the purpose of providing a "sample of convenience" for the sake of the illustrative case study used. From a total of twelve entrepreneurs contacted initially, five entrepreneurs agreed to take part in personal interviews, which took place in 2019. Three additional interviews were held in 2022 with Lofoten residents living outside these islands in order to verify the contextual description of the non-urban place.

⁸ Although explicit growth and development indicators were not asked for, it became clear from the interviews that all four entrepreneurs hold an established, and supposedly, growing business in the location.

Notwithstanding the theoretical focus of the illustrative case study, the standards for qualitative research were abided to: the interviews with a duration of between 50 and 120 minutes were conducted during on-site field research in personal meetings with the entrepreneurs on their premises. All interviews were tape-recorded, summarised during the fieldwork and subsequently transcribed. The initial questions relate to the background of the entrepreneur, the business idea and the entrepreneurial process, including the role of the location. Further questions addressed the embeddedness categories which were operationalised through the notion of a network, more specifically, the types of networks and interaction within the networks reported by the interviewees. 9 The data analysis followed traditional coding principles initial search for overarching first-level categories and modifications/refinements of these categories (Miles et al., 2013; Saldaña, 2013). The four research propositions provided guidance during the data analysis, and the team of authors held several meetings to discuss the data analysis and validate all findings against the backdrop of the conceptual framework.

Discussion

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Nascent versus incumbent entrepreneurs

The five creative entrepreneurs have become embedded through resource-dependent and resource-providing network exchanges (Table 2). All of them have been dependent upon local resource bundles as nascent entrepreneurs: they were able to afford a house and/or physical workshop in the non-urban place to start their profession, they used regional start-up funding, other local financial support or the paid or unpaid work taken over by friends, family members or colleagues. Not least, the abundant natural amenities inspired their creativity and attracted visitors to the place and their workshops, which they were also dependent upon (and still are). In a similar vein, the entrepreneurs benefited from the existence of like-minded creative individuals in the area (through the exchange of information and contacts) in order to become established locally. Notably, the local and regional networks represented an important resource

⁹ To comply with robust definitional criteria, the interviewers took consistently care during the interview situations to re-explain and relate the embeddedness notion to the network concept introduced, so that both interviewer and informant had the same understanding of the category in the interview setting.

during their start-up stage. For some entrepreneurs, the attraction of visitors and tourists to the region was a key resource which they continued to use during their incumbent entrepreneurship. Hence, the entrepreneurs depended upon various resource categories, including location-specific financial-economic and amenity-based inspirational resources.

While entrepreneurs A and B mainly used local resources at the beginning of their entrepreneurial journey, the nascent entrepreneurs C, D and E combined *local* and *external* resources from national or international networks to resource bundles. Notwithstanding this, the natural amenities in the non-urban place represent a key local resource for all five entrepreneurs both during their nascent and incumbent entrepreneurship: the creative-artistic *milieu* in the Lofoten region, the short distances to the local communities, easy opportunities to connect with other creative individuals in the area and the unfinished nature, as compared to, *e.g.*, urban areas, which provides them with inspiration for their work.

Table 2 about here

As incumbent entrepreneurs, the provision of resources and resource bundles to local networks became part of their resource exchanges in networks, albeit to varying degrees for the five entrepreneurs portrayed. Entrepreneur A provided courses about sustainable consumption and environmental protection to the local residents, and, moreover, collaborated closely with other creative individuals on new events and festivals, as well as local associations. However, this entrepreneur is involved in networks through resource provisions to a lesser extent given the self-employed status without any employees and a preference for solo work as an artist. By contrast, entrepreneur B is more strongly resource-providing to the location with investments both in the place and in the local creative community, e.g., as the founder and organiser of a local cultural event and through voluntary service on company boards in local-regional business associations. Entrepreneurs C and D, in turn, seem to be less place-dependent in comparison with A and B. However, they deliberately provide resources to the place, for example, to local networks by organising new cultural events that attract both more and different types of visitors. Entrepreneur E has not been directly providing resources to the local communities but engages in local networking rather passively and indirectly. Irrespective of this variety, the strong collaboration on local networking and cultural-creative events exemplifies resource-providing exchanges to local networks that matter for all five entrepreneurs. Hence, the resourceproviding exchanges relate largely to social resources which support the development of a place-based creative community.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Multiple configurations of socio-spatial embeddedness

Different resource exchanges can be identified with the five creative entrepreneurs (Table 2), which reflects various network-embeddedness configurations.

Social network embeddedness dimension

In line with Hite (2005) and Hite and Hesterly (2001), the former nascent entrepreneurs strongly relied upon their private social networks (families, friends, colleagues, *etc.*), whereas they later expanded these networks during their incumbent entrepreneurship by including more professional, market-based network relationships (for instance, with external suppliers). However, the private and professional social networks do also overlap to a large extent for the creative entrepreneurs. Hence, with regard to their embeddedness through resource exchanges in social networks, a combination of private and professional networks is at work which supports the embeddedness of the entrepreneurs during their entrepreneurial journey.

Spatial network embeddedness dimension

The pattern of the spatial network embeddedness observed shows more variety: entrepreneurs A and B have mainly used local private and professional networks to become embedded in the location both during their nascent and incumbent entrepreneurship. In these cases, the social and spatial (local) network dimensions overlap strongly, while external social networks play only a minor role for resource exchanges. Entrepreneurs C and D, by contrast, have been retrieving resources from local *and* external social networks. For them, the social-network embeddedness and the local-network embeddedness dimensions do not fully overlap, and these entrepreneurs become embedded in social networks in the locality and outside the location. For entrepreneur E, the local social networks are of limited importance because this entrepreneur is embedded mostly in international networks through resource exchanges.

Towards specifying different configurations of network embeddedness through resourceexchanges

Based upon these various embeddedness configurations observed, the following configurations of network embeddedness can be specified: firstly, while the private networks of the creative entrepreneurs are deeply intertwined with their professional networks, their local and external social networks may, but do not necessarily have to, overlap. Secondly, not all resource exchanges are thus organised in networks in the non-urban place; instead, different spatial configurations of resource exchanges in social networks emerge, which lead to a local network embeddedness in combination with a (potential or actual) embeddedness in external networks, *i.e.*, outside of the locality. Thirdly, there is variation in the configurations of socially and locally embedded creative entrepreneurs through network-based resource exchanges that are associated with a non-urban place.

Hence, the network embeddedness of creative entrepreneurs over time in non-urban places should be understood as a multi-level process in which different combinations of networked resource exchanges occur across different spatial scales, rendering these exchanges multilocational (Table 3). This gives rise to consider network-embeddedness levels in terms of a lower or higher embeddedness along the two dimensions of social versus local (spatial) network embeddedness. However, within the framework of this study, it is not possible to identify the specific level of embeddedness, as it only aims to point to the – hitherto under-studied – variety of combinations that achieve network embeddedness through resource exchanges during the entrepreneurial journey – and not to operationalise this variety. What can be derived from the illustrative case study is that a high degree of local network embeddedness that overlaps with social network embeddedness in the locality (here, entrepreneurs A and B) may reduce the dependency of nascent creative entrepreneurs upon a necessary quantity of amenities (such as a high number of like-minded creative individuals). Moreover, even in cases of a lower degree of network embeddedness with creative entrepreneurs in non-urban places (because their key networks reside elsewhere), these entrepreneurs may still benefit from local resource exchanges because they can become crucial resource-providing actors, particularly during their incumbent entrepreneurship, and contribute to the attractiveness of the place for other creative individuals. Hence, there may exist a minimal degree of local network embeddedness without which no creative entrepreneur would sustain a business in a non-urban place after the nascent entrepreneurship phase. The illustrative case study has, moreover, brought to the fore that different resource types are at play in shaping the network embeddedness: economic-financial resources, natural amenities as inspirational resources, and social community-based resources. This latter finding provides a useful point of departure for expanding the framework, including a specification of how the minimal degree of local network embeddedness might be understood and materialised.

Table 3 about here

Conclusion and implications

Wigren-Kristofersen *et al.* (2019) have recently criticised static, one-dimensional or binary notions of embeddedness in entrepreneurship research that fail to advance theoretical debates. Indeed, for creative entrepreneurship, a broader conceptualisation is needed that will not only capture a processual perspective on the entrepreneurial journey but also incorporate the nature of creative professions by means of sketching the relevant resource exchanges in relation to the variety of networks in which creative entrepreneurs become embedded. To this aim, a conceptual framework is presented which is informed by three theoretical perspectives: a networked resource-based theory (Lavie, 2006); the two-dimensional notion of socio-spatial embeddedness (Uzzi 1997; Hess, 2004); and a processual view on entrepreneurship (Hite, 2005) as a sequence of nascent and incumbent entrepreneurship.

Hence, this paper departs from the tenet that creative entrepreneurs, like any other entrepreneurs, are committed to both resource-dependent and resource-providing exchanges in various networks (Lavie, 2006) during their entrepreneurial process. Based upon both the conceptual framework established and the illustration provided, which sketched the entrepreneurial journey of creative entrepreneurs in a non-urban place, the following conclusions can be drawn: the resource exchanges of the creative entrepreneurs taking place in different networks during their entrepreneurial journey are associated with multiple network-embeddedness configurations, which result in a given spatial (*i.e.*, local) embeddedness in the non-urban place. Specifying this socio-spatial embeddedness of creative entrepreneurship through resource exchanges means to point to the variety of possible resource-exchange combinations anchored in various networks: private *versus* professional networks (multi-level), and local networks in the non-urban place *versus* external networks that are located elsewhere (multi-locational).

With regard to the prevalent assumption that creative professions commonly represent an urban phenomenon (Florida, 2019, 2005), it can be concluded that, while creative individuals will not necessarily and/or automatically be attracted to urban places, their dependence upon local resources that spur and maintain their creativity (e.g., inspiration from local amenities) renders it necessary to generate a minimal level of local network embeddedness, independently of whether it be an urban or a non-urban location. Without the networked-based resource exchanges that take place locally, here, in the non-urban place and lead to a minimal embeddedness, the persistence of creative entrepreneurs who purposively start and develop a business in such a place cannot be explained convincingly. However, and conversely, it is also evident that a high degree of local network embeddedness is not always a pre-requisite for creative entrepreneurs to sustain a business outside urban hubs. Instead, various configurations of socio-spatial network embeddedness support their entrepreneurial journey, which allows these entrepreneurs to adjust the degree of their local embeddedness to the nature of their creative work. Altogether, this key finding resonates with Andersen (2013, p. 147), who stated that "the value of being embedded depends on goals", which translates, for creative entrepreneurs, to affirm that there is ample room for different resource-exchange combinations across multiple network dimensions.

With these propositions, the paper contributes as follows to contemporary debates about entrepreneurship, embeddedness and creative professions (Wigren-Kristofersen *et al.*, 2019; Werthes *et al.*, 2017; Korsgaard *et al.*, 2015a,b): firstly, a combination of a two-dimensional embeddedness notion and a processual model of network embeddedness throughout the entrepreneurial journey and beyond is proposed, which extends the previous literature that does not apply this combination. Secondly, with regard to non-urban places, which are commonly portrayed as less resource-rich than urban places (Graffenberger and Vonnahme, 2019), the paper conceptualises how creative entrepreneurs use and depend upon natural amenities as an inspirational resource from these places to transform their creativity into a start-up business that can be developed further. While notably Florida (2019, 2005) stresses only the quantity of the resources that are concentrated in a location for creative entrepreneurs, this paper conceptualises both the quantity and quality of resources retrieved by entrepreneurs. Even though non-urban places might not provide the same quantity of resources as their urban counter-parts, this might be compensated by a higher quality in terms of a higher degree of network embeddedness in the non-urban place. The combinations of local and external resource

exchanges furthermore allows creative entrepreneurs to draw from the resources that they need according to the creative nature of their work.

The theoretical implications lead over to the limitations of the conceptual framework presented, and to a research outlook. Firstly, although the findings derived from the conceptual framework on network embeddedness and resource exchanges seem to be meaningful and evident, they should be thoroughly tested based upon a robust set of empirical data (e.g., large samples of qualitative interviews with entrepreneurs) and by including several non-urban/urban places (in order to have a comparison of different regional contexts). In addition, the context chosen, to wit, the Lofoten Islands, represents a particular cultural *milieu* that facilitates local networking and resource exchanges through open-mindedness, inclusion, and a focus on local collaboration. Further research should validate the observations made for this specific regional case against the background of other, and rather a-typical, non-urban case regions for creative individuals (e.g., remote regions, formerly industrialised regions, or rural places in economic decline). Secondly, the framework does not include a dynamic perspective that scrutinises the changing needs of entrepreneurs during business growth and internationalisation. One open question which cannot be answered in this framework is how the resource-exchange combinations in relation to network-embeddedness configurations, including the minimal degree of local embeddedness, would change when creative entrepreneurs in non-urban places started to internationalise. A further exploration of the growth-orientation of creative entrepreneurs in relation to the place embeddedness through a longitudinal sample (for instance, follow-up interviews with the five entrepreneurs portrayed) will allow a more precise conceptualisation of this aspect. Thirdly, the specific combinations of the embeddedness categories within the two dimensions and two "items" each (such as social network embeddedness with private/professional networks; and spatial network embeddedness with local/external networks) should be further scrutinised for other entrepreneurship contexts, which was not possible in the context of this study. In a similar vein, the possible resource categories, such as natural amenities, financial-economic resources, inspirational resources, social resources, etc., should be specified further. Fourthly, it might be possible to extend the framework proposed by including an operationalisation of the degree of embeddedness achieved, including the assumed threshold of a minimal level of embeddedness in a non-urban place. Finally, the conceptual framework will also need to be reviewed for other creative professions that engage entrepreneurially outside urban places (e.g., musicians, actors, writers, or graphic designers, and other creative IT entrepreneurs). In particular, follow-up research

should scrutinise the underlying concept of creative entrepreneurship by including motivational factors of creative individuals (*cf.*, De Klerk, 2015; Valliere and Gegenhuber, 2014; Amabile and Pillemer, 2012).

This final validation will carry this conceptual framework further so that it will hopefully inform public policy-makers in non-urban places and increase their awareness of the various network-embeddedness configurations that matter for place development through entrepreneurship. As the wider practical and societal implications of this paper, relevant actors, notably private- and public-sector managers, in non-urban places should safeguard that creative individuals with entrepreneurial aspirations and incumbent creative entrepreneurs have access to various local networks to enable them various combinations of resource bundles for their creative work and achieve a high degree of embeddedness.

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Creative entrepreneurs and embeddedness in non-urban places: a resource exchange and network embeddedness logic

Structured abstract

Purpose: Drawing from resource-based theorising, the concept of network embeddedness and a process perspective on entrepreneurship, this paper establishes a conceptual framework to explain a multi-level and multi-locational network embeddedness of creative entrepreneurs in non-urban places. It challenges stylised facts about creative entrepreneurship as a predominantly urban phenomenon.

Design/methodology/approach: Based upon the conceptual framework for creative entrepreneurship in a non-urban place, an illustrative case study of small-scale creative-design entrepreneurs on the Lofoten Islands in Norway (2019) is utilised to discuss the framework.

Findings: The conceptual paper derives a fine-grained understanding about how creative entrepreneurship emerges and develops in non-urban places and contributes to a better understanding of how such places can nurture such entrepreneurship through multiple network embeddedness and resource-exchange configurations.

Originality: The paper uses an original conceptual framework.

Research limitations/implications: The article will enable further empirical research that tests, validates and, if necessary, refines the framework established.

Practical and social implications: Creative entrepreneurs should use various resource-exchange combinations with diverse networks to become locally embedded in non-urban places. Public-policy managers need to be aware of this variety that may exist with the network embeddedness of such entrepreneurs to support them and develop the location through resource provisions.

Keywords

Creative entrepreneurship, multi-level network embeddedness, multi-locational network embeddedness, resource exchanges, nascent entrepreneurship, incumbent entrepreneurship, non-urban places, illustrative case study.

Article classification: Conceptual paper

Introduction

Following recent voices that emphasise the importance of context for entrepreneurship research (Baker and Welter, 2020; Zahra et al., 2014; Autio et al., 2014), this paper explores creative entrepreneurship as a contextualised phenomenon in non-urban locations (Müller and Korsgaard, 2018; Huggins et al., 2015; Westlund et al., 2014). Creative entrepreneurship is defined in this paper as entrepreneurial processes by small-scale creative-design and creativeartistic entrepreneurs, who are aligned to the wider field of the creative economy (Howkins, 2002; cf., Werthes et al., 2017). The creative economy can be associated with a broad range of "those industries which have their origin in individual creativity, skill and talent which have a potential for job and wealth creation through the generation and exploitation of intellectual property" (DCMS, 2001). According to the European Commission (2018, Article 2 (2)), "[c]ultural and creative sectors are comprised of all sectors whose activities are based on cultural values, or other artistic individual or collective creative expressions". In the literature, a further distinction is made between core sectors of the creative-cultural economies, consisting of art-related and artistic professions, and surrounding sectors accompanying the core service sectors, e.g., advertising, media, IT-related professions (O'Connor, 2007, p.47). Departing from these definitions and concepts, in the context of this paper, creative entrepreneurship is understood as the manufacturing of creative-design and creative-artistic products and services which embody, at least partly, a non-material cultural, i.e., aesthetic value (cf., Smit, 2001).¹

Moreover, this type of entrepreneurship is explored in this paper as a phenomenon associated with non-urban places², such as rural, peripheral and remote regions, which provide specific contextual conditions for entrepreneurship (Leick *et al.*, 2022; Stephens and Partridge, 2011). Although these contextual conditions have recently been considered as being conducive to entrepreneurship (Pato and Teixeira, 2016), for instance, due to natural amenities (Schaeffer and Dissart, 2018), non-urban places are notwithstanding often portrayed as being "less dense, less dynamic and... lacking innovation capabilities", and thus as disadvantaged regarding "a

Importantly, the entrepreneurs addressed in this paper cannot be clearly assigned to the various subsectors within the creative economy, which may result in richly layered motivations for their entrepreneurship (e.g., Faggian et al., 2013; Eikhof and Haunschild, 2007) that cannot be properly internalised with the perspective applied here. Indeed, the present paper overall utilises an outsider perspective (Sanchez-Burks et al., 2015) on creativity and entrepreneurship through business processes as it does not investigate the internal motivations of the creative enterprising individuals.

Rural, peripheral and remote locations are commonly grouped as one category labelled lagging or non-core places (Stephens and Partridge, 2001; Leick and Lang, 2018). For the purpose of this paper, the common denominator of these locations is that they do not classify as urban places regarding the resources provided to creative individuals, as compared to urban places, such as large capital cities.

number of interrelated aspects such as distance, density, networks and resources" (Graffenberger and Vonnahme, 2019, p.532).

The present paper aims to challenge such connotations of non-urban places in relation to the argument that creative entrepreneurs as such depend upon an urban *milieu* with its abundance (*i.e.*, quantity) of resources (*cf.*, Duxbury, 2021; Balfour *et al.*, 2018; Korsgaard *et al.*, 2015a; Freire-Gibb and Nielsen, 2014; McGranahan *et al.*, 2011; Alvarez and Busenitz, 2001) in order to exploit opportunities and transform creativity into marketable products (de Bruin, 2005; Drake, 2003). Conceptually, this argument revolves around Richard Florida's (2019, 2005) work on the creative class and its observed preference for urban lifestyles. Evidently, creative entrepreneurs might depend upon a critical mass of consumers, who, by nature, are more numerous in cities (Todeschini *et al.*, 2017; Mills, 2011) than in non-urban places. In addition, some creative entrepreneurs will have their upstream- and downstream networks located in large cities (Stahl, 2008).

This paper does not focus on urban creative entrepreneurs, but devotes its attention to those creative entrepreneurs, who choose to locate in non-urban places. One important, yet understudied question about them is how they utilise resources from various networks that span across different locations in order to start and develop a creative business outside cities (*cf.*, Lazzeretti and Vecco, 2018; Wenting *et al.*, 2011; McGranahan *et al.*, 2011). For the conceptualisation of this under-studied question, it is assumed that creative entrepreneurs in non-urban places operate a small-scale manufacturing firm of creative products (Bakas *et al.*, 2019) that can be performed outside urban places. This renders the entrepreneurs less dependent upon resources provided through proximity-based global supply-networks, notably when the entrepreneurs do not depend upon a localised (mass) consumption of their goods or services (*cf.*, Solomon and Mathias, 2020; Trip and Romein, 2014). Hence, they may take advantage of the arbitrage of locational benefits according to their personal preferences and needs.³

Against this backdrop, a conceptual framework will be established that draws from a networked resource-based perspective (Lavie, 2006; Alvarez and Busenitz, 2001), the notion of socio-

This conceptualisation overlaps to some extent with the stylised facts about lifestyle entrepreneurship. Commonalities lie in the value-based and passion-driven act of enterprising (Tomassini *et al.*, 2021) that does not always correspond to economic principles (Reid, 2021). However, creative entrepreneurship embraces the creative economy, whereas lifestyle entrepreneurship may be situated in a variety of (creative or non-creative) contexts, such as sports and leisure sectors, tourism and agriculture.

spatial embeddedness (Uzzi 1997; Hess, 2004; cf. Simsek et al., 2003), and a process perspective on entrepreneurship (Hite, 2005; Hite and Hesterly, 2001; cf., Langley et al., 2013). It proposes that creative entrepreneurship in non-urban places can be understood as a mutually resource-dependent and resource-providing entrepreneurial process (Alvarez and Busenitz, 2001), leading to a complex multi-level and multi-locational network embeddedness of the entrepreneur. Because creative entrepreneurs retrieve valuable resource sets from networks both in the non-urban location and elsewhere, and also provide such resource bundles to networks in the non-urban location and in other places, their multi-locational and multi-level resource exchanges shape a socio-spatial network embeddedness in the non-urban place. Thereby, an answer will be provided to the unresolved question about the interplay of resource exchanges taking place in various networks with which the entrepreneurs are aligned by pointing to a variety of possible network-embeddedness configurations (cf., Hoang and Antoncic, 2003). The framework also hypothesises that, irrespective of the specific networkembeddedness configuration, a minimal level of local network embeddedness is a prerequisite to sustain creative entrepreneurship in the non-urban place. An illustrative case study is used to demonstrate the logic of the framework through portraits of five creative entrepreneurs from the Lofoten Islands, a rural and remote Norwegian creativity hub.

The paper makes the following contributions to the literature: firstly, although the literature addresses specific creative entrepreneurs (e.g., in tourism or cultural fields) located outside urban locations (for instance, Duxbury, 2021; Mahon et al., 2018), only very few studies demonstrate how creative individuals, such as small-scale design (Gu, 2014; Jansson and Power 2010; Masson et al., 2007), artistic (Sasaki, 2010) or artisanal entrepreneurs (Bakas et al., 2019), establish themselves based upon resource-exchanges and networking outside globallyoperating, urbanised industries. Both Chen and Tseng (2021) and Chang and Chen (2020) address network exchanges of creative entrepreneurs, however, without including non-urban locations in their analysis. This results in a lack of empirical research about counter-urban entrepreneurs and the role of their networking and resource exchanges in this sector that could motivate theory-building. Hence, this paper contributes to a better understanding of such network-based regional entrepreneurship in the studied segment of the creative economy. Secondly, the paper demonstrates on a conceptual level the intertwinement of network-based resource exchanges (Lavie, 2006) and the resulting network-embeddedness configurations during the entrepreneurial process (Hite and Hesterly, 2001). Notably, the distinction between spatially-organised resource-dependent and resource-providing exchanges in networks during

nascent *versus* incumbent entrepreneurship offers explanatory value because it conceptualises how entrepreneurs become locally embedded through the twofold interaction mechanisms of resource-dependency and resource-provision, without becoming locked-in a given network structure (Grillitsch, 2019). This distinction furthermore enables an initial theoretical description of how creative (and other) entrepreneurs turn into potential role models in non-urban locations (Berglund *et al.*, 2016). Thirdly, the conceptualisation of various network-embeddedness configurations enhances the understanding of how the social embeddedness (Jack and Anderson, 2002) and spatial embeddedness (Kalantaridis and Bika, 2006) of entrepreneurs in networks interact during the entrepreneurial journey. Although this intertwinement through resource exchanges will be presented as a complex phenomenon, the framework reduces this complexity by offering a fine-grained description of how local network embeddedness can be generated and sustained (Korsgaard *et al.*, 2015a).

The remainder of this paper is organised as follows: the next section will present the related literature, which is followed by a section introducing the conceptual framework. Subsequently, we will present the illustrative case study before the conceptual framework will be discussed in the light of the example. The final section will provide the conclusion, the theoretical and empirical implications.

Related literature

Creative entrepreneurship

Policy-oriented definitions (*e.g.*, European Commission, DCMS, 2001) associate a broad range of heterogeneous sectors with the creative economy, in general, and creative entrepreneurship, in particular, as part of this wide domain. Indeed, the notion of creative entrepreneurship is not anchored in a clearly denominated definition (Hausmann and Heinze, 2016). Smit (2001, p.169) define creative entrepreneurs as follows: "they all concentrate on economic activities dedicated to producing goods and services with mainly aesthetic and symbolic value". For this production, creativity represents an important, yet rather indeterminate, input factor (Belitski and Desai, 2016). As Freire-Gibb and Nielsen (2014) claim, creative persons have specific personality traits that are conducive for entrepreneurial ventures, such as independence, achievement needs, high risk-taking, an intrinsic motivation derived from the work itself, a rather low extrinsic motivation from money and prestige alone, and self-confidence. Another defining characteristic

of creative entrepreneurs is that these individuals tend to work under precarious conditions (Gurova and Morozova, 2018).

For the purpose of this paper, it is assumed that creative entrepreneurs unite two different characteristics: they are, to some extent, at least, creative-artistic individuals, who have no principal interest in commercialisation, on the one hand, and they are also businesspeople, who market and sell commercialisable pieces of art, or related "output" of creative work, on the other (Mazzoni and Lazzaretti, 2018; de Bruin, 2005). In addition, their professional choices are often driven by lifestyle decisions (Eikhof and Haunschild, 2006). Because of their hybrid nature, these entrepreneurs might find it difficult to earn sufficient money and sustain a certain standard of living (Oakley, 2013), particularly because not all their creative activities respond to the economic principles of markets (Eikhof and Haunschild, 2007).

Accordingly, the understanding of creative entrepreneurs in this paper relates to creative enterprising individuals, such as designers, artists, or small-scale artistic-artisan manufacturers and providers of creative-artistic content, who manage to transform, at least to a large extent, their artistic, design, and/or artisanal production into a marketable and commercial solution that meets a certain demand in the market – through a combination of a physical product or intangible service with an aesthetic-symbolic value (*cf.*, Aakko and Niinimäki, 2018; Mazzoni and Lazzaretti, 2018; Overdiek, 2016). This understanding is in line with the general determinants and behavioural traits of entrepreneurs (Cuervo *et al.*, 2007; Reynolds, 2005).

The locational choices of creative entrepreneurs

Undoubtedly, creative entrepreneurship is contingent upon a creative *milieu* as a necessary field-level condition, including the individual entrepreneur's social capital in this *milieu* (Scott, 2006; Drake, 2003). Therefore, this type of entrepreneurship has commonly been considered as a prototypical urban phenomenon, which resonates with Richard Florida's (2019, 2005) theory of the urban creative class that needs the abundance of resources in such places, such as tolerance for creative lifestyles, technology, and a diversity of social networks. In fact, the empirical literature addressing this theory focuses mainly on urban regions (Konrad and Höllen, 2021; Haisch and Klöpper, 2015; Faggian *et al.*, 2013). According to the logic of Florida's theory, non-urban places are seemingly less resource-providing for creative entrepreneurs (*cf.*

Anderson, 2000), which is confirmed by several studies (Wijngaarden *et al.*, 2019; Wenting *et al.*, 2011; Smit, 2011).

Notwithstanding this, recent voices have criticised the lack of attention for non-urban places when it comes to the creative economy (for instance, policy targeting this sector; Duxbury, 2021). In addition, other empirical studies show how such entrepreneurs choose to locate outside cities, for example, Brydges and Hracs (2019), who describe how independent fashion entrepreneurs establish an alternative home base in peripheral locations. Therefore, based upon the ambiguous evidence from the recent literature, Florida's hypothesis can be criticised for its lack of attention to creative professions that have been observed in non-urban places, as McGranahan *et al.* (2011, p.530) state: "some creative workers may choose to forego higher urban earnings in exchange for the quality of life found in places endowed with natural amenities and that were this occurs, it may lead to business formation and economic growth, facilitated in part by the attraction of more creative class members." Quite clearly, creative entrepreneurs do operate in various regional contexts (Cuervo, 2005), including non-urban places.

Entrepreneurship and the notion of socio-spatial embeddedness

Recent theoretical accounts have emphasised socio-spatial embeddedness as an important driver of entrepreneurship, both during the start-up stage and in the subsequent business development (Wigren-Kristofersen *et al.*, 2019; Korsgaard *et al.*, 2015a; Jack and Anderson, 2002). Scott (2006, p.4) defines the socio-spatial embeddedness of an entrepreneur as follows: "...the entrepreneur is not just a lonely individual pursuing a personal vision, but also a social agent situated within a wider system of production that can be represented as an actual and latent grid of interactions and opportunities in organizational and geographical space." Departing from this definition, the socio-spatial embeddedness of an entrepreneur has two dimensions.

Social embeddedness

Socio-spatial embeddedness is deeply entrenched with the social capital of an entrepreneur that resides in the social relationships and networks of these relationships with others (McKeever *et al.*, 2014; Granovetter, 1985). This *social embeddedness* is defined as "the degree to which

commercial transactions take place through social relations and networks of relations" (Uzzi, 1999, p.482). The social relationships of entrepreneurs include both ego-networks, such as private relationships with family members, friends, and colleagues, and professional, business-oriented networks with other entrepreneurs, business partners, and/or public-policy actors (Greve and Salaff, 2003). It can be argued that the social embeddedness denotes the belonging of an entrepreneur to communities of like-minded people, both privately and professionally (Anderson and Jack, 2002; Uzzi, 1997), and it builds the basis of an entrepreneur's commitment to provide resources to networks (Håkansson and Snehota, 2017).

As the transactions that are exchanged in such networks are typically inter-dependent and often reciprocal, entrepreneurs become inter-connected with other actors through such transactions taking place in various networks (Håkansson and Snehota, 2017). Thus, from the perspective of entrepreneurship theories, it has been stated that social embeddedness through networks represents a core resource for entrepreneurs, notably in the initial stages of the entrepreneurial process (Franco and Haase, 2013; Witt, 2004), which has a positive effect on the potential for opportunity-creation and growth (Anderson and Jack, 2002).

Spatial embeddedness

According to Hess (2004), embeddedness bears a spatially defined notion. However, what precisely the *spatial (or territorial) embeddedness* of an entrepreneur (McKeever *et al.*, 2015, Knoben and Oerlemans, 2006) means is harder to define. Since entrepreneurship often constitutes a local or regional phenomenon (Feldman, 2001), this paper relates to the local-regional scale, such as a village, a city, or a sub-national region, *e.g.*, a county. This scale is often decisive for the shaping of both the place-specific advantages for entrepreneurs (for instance, natural amenities, Schaeffer and Dissart, 2018) and the potential limitations (*e.g.*, a lack of public-policy support, Huggins and Thompson, 2015; Hite, 2005). In the literature (Korsgaard *et al.*, 2015a; Kalantaridis and Bika, 2007), the local embeddedness of an entrepreneur is commonly associated with manifold benefits accruing to both the entrepreneur and the location, which may result in a symbiosis of the entrepreneur and the location. Such a symbiosis will probably be the outcome of entrepreneurial processes when local (spatial) embeddedness strongly overlaps with social embeddedness and an integration of social with local networks of the entrepreneur takes place. In the literature on creativity and entrepreneurship, creative clusters are often referred to as hubs in which spatial embeddedness

(commonly as local embeddedness) materialises (Picone and Komorowski, 2020; Chapain and Comunian, 2010).

However, the exact relationship between social embeddedness, on the one hand, and local (spatial) embeddedness, on the other, is not fully clear. In this paper, the embeddedness of entrepreneurs is related to transactions in networks. From this perspective, Dahl and Sorensen (2009) show that Danish entrepreneurs value social networks and spatial proximity to social networks higher than purely regional factors, which points to a greater importance of *social* embeddedness, as compared to *local* embeddedness. In a similar vein, McKeever *et al.* (2015) find that a mix of social and spatial factors, to wit, socio-spatial embeddedness, leads to a commitment on the part of entrepreneurs to their location, one which goes beyond mere business-related activities (Bürcher, 2017). Ultimately, the lack of clear-cut empirical evidence renders it necessary to develop a theory-based framework to study the relationship of local network embeddedness and social factors supporting embeddedness.

A conceptual framework of the resource-dependent and resource-providing multi-level network embeddedness of creative entrepreneurs

To this aim, a conceptual framework is established, which combines arguments from resource-based theorising about resource-exchange mechanisms of creative entrepreneurs with a network-embeddedness perspective.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Nascent versus incumbent entrepreneurs

As a matter-of-fact, resources are vital to all entrepreneurs, including creative entrepreneurs (Chang and Chen, 2020), as they enable entrepreneurs to exploit initial opportunities and/or to develop new opportunities emerging during the entrepreneurial process (Alvarez and Busenitz, 2001). From a network-embeddedness perspective, creative entrepreneurs – like any other entrepreneurs – are both resource-dependent upon the network (in that they retrieve valuable resource bundles from networks) and resource-providing to the network (in that they provide resource bundles to networks). This assumption reflects an explanation that draws from social capital theory (Uzzi, 1997; Granovetter, 1985): social networks constitute a source of resource bundles for entrepreneurs (Lavie, 2006) and represent complementary value-creating settings

for them (Hite, 2005), which can provide relational rents for individual entrepreneurs based upon network relationships. Resource bundles consist of distinct sets of physical (land, office, production space, human capital) and intangible assets (information, attitudes, skills) or knowledge, inspiration and contacts (Lavie, 2006; Jarillo, 1989), including the social relations themselves (Uzunidis *et al.*, 2014). As creative entrepreneurs might depend upon amenities in the specific location, place-specific amenities, such as the recreational and inspirational value of the natural environment, represents a resource in itself in non-urban places (Korsgaard *et al.*, 2015b; McKeever *et al.*, 2015). According to sociological accounts (Granovetter, 1985; Uzzi, 1997), it is vital to understand that the resource bundles available through networks are accessible for entrepreneurs who are embedded in the networks.

How do entrepreneurs become embedded? This actually happens when they withdraw resources or resource bundles from, or provide resources for, other actors (individuals or firms) aligned to social networks, and hence interact with them (*cf.*, Greenberg *et al.*, 2018; Wincent and Westerberg, 2006). A resource-dependent exchange is when the social-network relations of an entrepreneur provide important resource bundles to the entrepreneur. Moreover, a resource-providing exchange takes place when entrepreneurs transfer resources to the networks that other network actors may access through the social relationships occuring in the networks. Hence, resource-dependent and resource-providing network transactions are paramount to understand how the network embeddedness of creative entrepreneurs is generated in a location, both in non-urban places and anywhere else.

Furthermore, different stages in the entrepreneurial process of creative individuals are considered by differentiating between individuals who are intending to start a self-employed business in the near future, or who have freshly started up (defined as 'nascent entrepreneurs'), and individuals who are already operational on a self-employed basis ('incumbent entrepreneurs') [cf., Fritsch and Sorgner, 2014; Tello et al., 2012]. The different stages that can be conceptually outlined are in line with the process model proposed by Wright and Stigliani (2013), in which the access to resources and their orchestration facilitates entrepreneurial growth. Hence, nascent entrepreneurs in the initial stages of their entrepreneurial journey are more resource-dependent than incumbent entrepreneurs in later operational stages of business

⁴ It is acknowledged that value creation through relationships, *e.g.*, in networks will not happen automatically, and value appropriation and value sharing issues might arise, which can obstruct network-based value creation (Lepak *et al.*, 2007). However, this perspective is not explicitly considered in the present paper.

development, because the liabilities of newness and smallness (Aldrich and Auster, 1986; Stinchcombe, 1965) affect them differently in the early stage, as compared to later stages (Hite, 2005; *cf.*, Sullivan and Ford, 2014; Newbert and Tornikoski, 2013). As incumbent entrepreneurs, creative entrepreneurs typically become more resource-endowed and thereby empowered to exploit new market opportunities (Alvarez and Busenitz, 2001).⁵ It then becomes more likely that incumbent entrepreneurs provide resources or resource bundles to networks and depend upon them to a lesser extent. In particular, creative entrepreneurs can provide important resources by shaping creative identities in non-urban places, which might compensate for a lack of critical mass of creative individuals (Berglund *et al.*, 2016). By this token, entrepreneurs may form part of a resource-providing infrastructure in a non-urban place.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Multiple configurations of socio-spatial embeddedness

Network embeddedness, derived from resource exchanges in networks, is another vital aspect for entrepreneurs to succeed (Huggins and Thompson, 2015). During their entrepreneurial process, the social networks in which entrepreneurs are embedded and exchange resources vary, as Hite and Hesterly (2001) describe: during nascent entrepreneurship, entrepreneurs become socially-embedded mainly through identity-based ego-networks (personal contact networks). However, during later stages of incumbent entrepreneurship, these networks may become less important and/or be supplemented by professional and calculative networks (Hite and Hesterly, 2001). Hence, the social embeddedness of entrepreneurs is associated with different types of social networks at play over time.

Concerning the spatial embeddedness of entrepreneurs (Huggins and Thompson, 2015), a high degree of local embeddedness is usually considered as being supportive of successful entrepreneurship in a location because entrepreneurs benefit from the overlap of their social and local network embeddedness (Farinha *et al.*, 2018; Greenberg *et al.*, 2018; Kalantaridis and Bika, 2006). Notwithstanding this, entrepreneurs can become too strongly embedded in the local social networks (Huggins and Thompson, 2015); as a result, they might be confronted with limitations regarding the access of social capital, for example, because of rigid norms or conformity pressures (Korsgaard *et al.*, 2015a). Furthermore, a strong local embeddedness may

⁵ It is important to mention that this paper does not explicitly conceptualise the network quality and structure during the entrepreneurial journey, as, for instance, Sullivan and Ford (2014) investigate.

not suffice for entrepreneurs to become socially embedded, and they may need to combine local and external social networks to acquire all the resources that are necessary for their entrepreneurship (Tuitjer and Küpper, 2020; Greenberg *et al.*, 2018; Korsgaard *et al.*, 2015a). An example of this can be found in the fact that, during later stages of the entrepreneurial process, entrepreneurs might need to buy-in specific competencies or knowledge to develop their business further. Concerning creative entrepreneurs, Hauge *et al.* (2009) demonstrate that the spatial embeddedness of fashion entrepreneurs in Sweden is determined by both local and global networks. Hermanson *et al.* (2018) and Gu (2014), however, still find a higher relevance of local embeddedness for creative professions, especially when local and social networks are overlapping.

Hence, the existing literature on the network embeddedness of creative entrepreneurs highlights that such entrepreneurs can retrieve resources or resource bundles from and provide resources for networks aligned with different places⁶, which is associated with various configurations of their socio-spatial embeddedness throughout their entrepreneurial process. This leads to the assumption that multiple embeddedness constellations exist for nascent *versus* incumbent entrepreneurs.

Setting the context

To exemplify the conceptual framework for the context studied, an illustrative case study is used, which will exemplify the key mechanisms described and enable subsequent empirical research. The embedding of an illustrative case in a conceptual paper is in line with Lindgreen et al. (2021), who suggest that, while empirical information plays a minor role when conceptual frameworks are derived from theory, the context of the phenomena studied should be empirically illustrated. Hence, for the framework presented, theory is the point of departure, and context information retrieved from a real-world example is utilised to broaden the perspective, thereby aligning the concept with its purpose (Lindgreen et al., 2021).

Resource exchanges take place in a digitised world nowadays, which renders the spatial distance less relevant. This paper will, however, not focus on this condition because it is not critical to the understanding of this paper.

The journeys of five selected creative entrepreneurs⁷ from the Lofoten Islands in Northern Norway are traced retrospectively through narrative interviews (Johansson, 2004); this non-urban location is considered as a rural and remote locality with seasonal tourism activities and otherwise traditional fishery-based local industries, and it was selected for several reasons: firstly, this non-urban place has recently attracted Norwegian creative individuals because of the abundant natural amenities (wild nature, rough sea climate, open sea) and place-based opportunities (including economic advantages, such as available cheap housing and affordable workshop space). Secondly, the local communities are said to show an open-mindedness to strangers and a strong will to collaborate at local level, which forms part of the local mindset. Thirdly, this place was selected due to its remoteness because Norway has traditionally incorporated a mentality of supporting remote areas as a social value for communities, including entrepreneurs (Knudsen, 2018), which is reflected, for instance, in national-regional policy schemes.

The five entrepreneurs (Table 1) can be classified as remigrated locals or are other Norwegians who had moved to the Lofoten Islands from, *e.g.*, the capital city of Oslo, or other European metropolitan regions. One of the entrepreneurs did not permanently move to the non-urban place, but commutes to it from another Scandinavian location. Hence, the family and community ties of the five entrepreneurs are presumedly of different intensities. The entrepreneurs also have diverse educational and professional backgrounds, but a common denominator with all five is that they had shown a strong preference for creative-design and creative-artistic work early on in their professional lives. They operate in jewellery, art, pottery, fashion and accessory design/manufacturing, and one runs an event hotel with an emphasis on cultural-creative values, such as art-design exhibitions, art courses, musical concerts and events, *etc.* When the interviews were conducted, the entrepreneurs were incumbent entrepreneurs and had their businesses in operation on the Lofoten Islands.⁸

Table 1 about here

The five entrepreneurs were selected through initial contacts made by the authors and subsequent snowballing searches in line with a purposive-sampling strategy (Miles *et al.*, 2013); this strategy, ultimately, served the purpose of providing a "sample of convenience" for the sake of the illustrative case study used. From a total of twelve entrepreneurs contacted initially, five entrepreneurs agreed to take part in personal interviews, which took place in 2019. Three additional interviews were held in 2022 with Lofoten residents living outside these islands in order to verify the contextual description of the non-urban place.

Although explicit growth and development indicators were not asked for, it became clear from the interviews that all four entrepreneurs hold an established, and supposedly, growing business in the location.

Notwithstanding the theoretical focus of the illustrative case study, the standards for qualitative research were abided to: the interviews with a duration of between 50 and 120 minutes were conducted during on-site field research in personal meetings with the entrepreneurs on their premises. All interviews were tape-recorded, summarised during the fieldwork and subsequently transcribed. The initial questions relate to the background of the entrepreneur, the business idea and the entrepreneurial process, including the role of the location. Further questions addressed the embeddedness categories which were operationalised through the notion of a network, more specifically, the types of networks and interaction within the networks reported by the interviewees. 9 The data analysis followed traditional coding principles initial search for overarching first-level categories and modifications/refinements of these categories (Miles et al., 2013; Saldaña, 2013). The four research propositions provided guidance during the data analysis, and the team of authors held several meetings to discuss the data analysis and validate all findings against the backdrop of the conceptual framework.

Discussion

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Nascent versus incumbent entrepreneurs

The five creative entrepreneurs have become embedded through resource-dependent and resource-providing network exchanges (Table 2). All of them have been dependent upon local resource bundles as nascent entrepreneurs: they were able to afford a house and/or physical workshop in the non-urban place to start their profession, they used regional start-up funding, other local financial support or the paid or unpaid work taken over by friends, family members or colleagues. Not least, the abundant natural amenities inspired their creativity and attracted visitors to the place and their workshops, which they were also dependent upon (and still are). In a similar vein, the entrepreneurs benefited from the existence of like-minded creative individuals in the area (through the exchange of information and contacts) in order to become established locally. Notably, the local and regional networks represented an important resource

⁹ To comply with robust definitional criteria, the interviewers took consistently care during the interview situations to re-explain and relate the embeddedness notion to the network concept introduced, so that both interviewer and informant had the same understanding of the category in the interview setting.

during their start-up stage. For some entrepreneurs, the attraction of visitors and tourists to the region was a key resource which they continued to use during their incumbent entrepreneurship. Hence, the entrepreneurs depended upon various resource categories, including location-specific financial-economic and amenity-based inspirational resources.

While entrepreneurs A and B mainly used local resources at the beginning of their entrepreneurial journey, the nascent entrepreneurs C, D and E combined *local* and *external* resources from national or international networks to resource bundles. Notwithstanding this, the natural amenities in the non-urban place represent a key local resource for all five entrepreneurs both during their nascent and incumbent entrepreneurship: the creative-artistic *milieu* in the Lofoten region, the short distances to the local communities, easy opportunities to connect with other creative individuals in the area and the unfinished nature, as compared to, *e.g.*, urban areas, which provides them with inspiration for their work.

Table 2 about here

As incumbent entrepreneurs, the provision of resources and resource bundles to local networks became part of their resource exchanges in networks, albeit to varying degrees for the five entrepreneurs portrayed. Entrepreneur A provided courses about sustainable consumption and environmental protection to the local residents, and, moreover, collaborated closely with other creative individuals on new events and festivals, as well as local associations. However, this entrepreneur is involved in networks through resource provisions to a lesser extent given the self-employed status without any employees and a preference for solo work as an artist. By contrast, entrepreneur B is more strongly resource-providing to the location with investments both in the place and in the local creative community, e.g., as the founder and organiser of a local cultural event and through voluntary service on company boards in local-regional business associations. Entrepreneurs C and D, in turn, seem to be less place-dependent in comparison with A and B. However, they deliberately provide resources to the place, for example, to local networks by organising new cultural events that attract both more and different types of visitors. Entrepreneur E has not been directly providing resources to the local communities but engages in local networking rather passively and indirectly. Irrespective of this variety, the strong collaboration on local networking and cultural-creative events exemplifies resource-providing exchanges to local networks that matter for all five entrepreneurs. Hence, the resourceproviding exchanges relate largely to social resources which support the development of a place-based creative community.

Resource-dependent and resource-providing exchanges in entrepreneurial networks: Multiple configurations of socio-spatial embeddedness

Different resource exchanges can be identified with the five creative entrepreneurs (Table 2), which reflects various network-embeddedness configurations.

Social network embeddedness dimension

In line with Hite (2005) and Hite and Hesterly (2001), the former nascent entrepreneurs strongly relied upon their private social networks (families, friends, colleagues, *etc.*), whereas they later expanded these networks during their incumbent entrepreneurship by including more professional, market-based network relationships (for instance, with external suppliers). However, the private and professional social networks do also overlap to a large extent for the creative entrepreneurs. Hence, with regard to their embeddedness through resource exchanges in social networks, a combination of private and professional networks is at work which supports the embeddedness of the entrepreneurs during their entrepreneurial journey.

Spatial network embeddedness dimension

The pattern of the spatial network embeddedness observed shows more variety: entrepreneurs A and B have mainly used local private and professional networks to become embedded in the location both during their nascent and incumbent entrepreneurship. In these cases, the social and spatial (local) network dimensions overlap strongly, while external social networks play only a minor role for resource exchanges. Entrepreneurs C and D, by contrast, have been retrieving resources from local *and* external social networks. For them, the social-network embeddedness and the local-network embeddedness dimensions do not fully overlap, and these entrepreneurs become embedded in social networks in the locality and outside the location. For entrepreneur E, the local social networks are of limited importance because this entrepreneur is embedded mostly in international networks through resource exchanges.

Towards specifying different configurations of network embeddedness through resourceexchanges

Based upon these various embeddedness configurations observed, the following configurations of network embeddedness can be specified: firstly, while the private networks of the creative entrepreneurs are deeply intertwined with their professional networks, their local and external social networks may, but do not necessarily have to, overlap. Secondly, not all resource exchanges are thus organised in networks in the non-urban place; instead, different spatial configurations of resource exchanges in social networks emerge, which lead to a local network embeddedness in combination with a (potential or actual) embeddedness in external networks, *i.e.*, outside of the locality. Thirdly, there is variation in the configurations of socially and locally embedded creative entrepreneurs through network-based resource exchanges that are associated with a non-urban place.

Hence, the network embeddedness of creative entrepreneurs over time in non-urban places should be understood as a multi-level process in which different combinations of networked resource exchanges occur across different spatial scales, rendering these exchanges multilocational (Table 3). This gives rise to consider network-embeddedness levels in terms of a lower or higher embeddedness along the two dimensions of social versus local (spatial) network embeddedness. However, within the framework of this study, it is not possible to identify the specific level of embeddedness, as it only aims to point to the – hitherto under-studied – variety of combinations that achieve network embeddedness through resource exchanges during the entrepreneurial journey – and not to operationalise this variety. What can be derived from the illustrative case study is that a high degree of local network embeddedness that overlaps with social network embeddedness in the locality (here, entrepreneurs A and B) may reduce the dependency of nascent creative entrepreneurs upon a necessary quantity of amenities (such as a high number of like-minded creative individuals). Moreover, even in cases of a lower degree of network embeddedness with creative entrepreneurs in non-urban places (because their key networks reside elsewhere), these entrepreneurs may still benefit from local resource exchanges because they can become crucial resource-providing actors, particularly during their incumbent entrepreneurship, and contribute to the attractiveness of the place for other creative individuals. Hence, there may exist a minimal degree of local network embeddedness without which no creative entrepreneur would sustain a business in a non-urban place after the nascent entrepreneurship phase. The illustrative case study has, moreover, brought to the fore that different resource types are at play in shaping the network embeddedness: economic-financial resources, natural amenities as inspirational resources, and social community-based resources. This latter finding provides a useful point of departure for expanding the framework, including a specification of how the minimal degree of local network embeddedness might be understood and materialised.

Table 3 about here

Conclusion and implications

Wigren-Kristofersen *et al.* (2019) have recently criticised static, one-dimensional or binary notions of embeddedness in entrepreneurship research that fail to advance theoretical debates. Indeed, for creative entrepreneurship, a broader conceptualisation is needed that will not only capture a processual perspective on the entrepreneurial journey but also incorporate the nature of creative professions by means of sketching the relevant resource exchanges in relation to the variety of networks in which creative entrepreneurs become embedded. To this aim, a conceptual framework is presented which is informed by three theoretical perspectives: a networked resource-based theory (Lavie, 2006); the two-dimensional notion of socio-spatial embeddedness (Uzzi 1997; Hess, 2004); and a processual view on entrepreneurship (Hite, 2005) as a sequence of nascent and incumbent entrepreneurship.

Hence, this paper departs from the tenet that creative entrepreneurs, like any other entrepreneurs, are committed to both resource-dependent and resource-providing exchanges in various networks (Lavie, 2006) during their entrepreneurial process. Based upon both the conceptual framework established and the illustration provided, which sketched the entrepreneurial journey of creative entrepreneurs in a non-urban place, the following conclusions can be drawn: the resource exchanges of the creative entrepreneurs taking place in different networks during their entrepreneurial journey are associated with multiple network-embeddedness configurations, which result in a given spatial (*i.e.*, local) embeddedness in the non-urban place. Specifying this socio-spatial embeddedness of creative entrepreneurship through resource exchanges means to point to the variety of possible resource-exchange combinations anchored in various networks: private *versus* professional networks (multi-level), and local networks in the non-urban place *versus* external networks that are located elsewhere (multi-locational).

With regard to the prevalent assumption that creative professions commonly represent an urban phenomenon (Florida, 2019, 2005), it can be concluded that, while creative individuals will not necessarily and/or automatically be attracted to urban places, their dependence upon local resources that spur and maintain their creativity (e.g., inspiration from local amenities) renders it necessary to generate a minimal level of local network embeddedness, independently of whether it be an urban or a non-urban location. Without the networked-based resource exchanges that take place locally, here, in the non-urban place and lead to a minimal embeddedness, the persistence of creative entrepreneurs who purposively start and develop a business in such a place cannot be explained convincingly. However, and conversely, it is also evident that a high degree of local network embeddedness is not always a pre-requisite for creative entrepreneurs to sustain a business outside urban hubs. Instead, various configurations of socio-spatial network embeddedness support their entrepreneurial journey, which allows these entrepreneurs to adjust the degree of their local embeddedness to the nature of their creative work. Altogether, this key finding resonates with Andersen (2013, p. 147), who stated that "the value of being embedded depends on goals", which translates, for creative entrepreneurs, to affirm that there is ample room for different resource-exchange combinations across multiple network dimensions.

With these propositions, the paper contributes as follows to contemporary debates about entrepreneurship, embeddedness and creative professions (Wigren-Kristofersen *et al.*, 2019; Werthes *et al.*, 2017; Korsgaard *et al.*, 2015a,b): firstly, a combination of a two-dimensional embeddedness notion and a processual model of network embeddedness throughout the entrepreneurial journey and beyond is proposed, which extends the previous literature that does not apply this combination. Secondly, with regard to non-urban places, which are commonly portrayed as less resource-rich than urban places (Graffenberger and Vonnahme, 2019), the paper conceptualises how creative entrepreneurs use and depend upon natural amenities as an inspirational resource from these places to transform their creativity into a start-up business that can be developed further. While notably Florida (2019, 2005) stresses only the quantity of the resources that are concentrated in a location for creative entrepreneurs, this paper conceptualises both the quantity and quality of resources retrieved by entrepreneurs. Even though non-urban places might not provide the same quantity of resources as their urban counter-parts, this might be compensated by a higher quality in terms of a higher degree of network embeddedness in the non-urban place. The combinations of local and external resource

exchanges furthermore allows creative entrepreneurs to draw from the resources that they need according to the creative nature of their work.

The theoretical implications lead over to the limitations of the conceptual framework presented. and to a research outlook. Firstly, although the findings derived from the conceptual framework on network embeddedness and resource exchanges seem to be meaningful and evident, they should be thoroughly tested based upon a robust set of empirical data (e.g., large samples of qualitative interviews with entrepreneurs) and by including several non-urban/urban places (in order to have a comparison of different regional contexts). In addition, the context chosen, to wit, the Lofoten Islands, represents a particular cultural *milieu* that facilitates local networking and resource exchanges through open-mindedness, inclusion, and a focus on local collaboration. Further research should validate the observations made for this specific regional case against the background of other, and rather a-typical, non-urban case regions for creative individuals (e.g., remote regions, formerly industrialised regions, or rural places in economic decline). Secondly, the framework does not include a dynamic perspective that scrutinises the changing needs of entrepreneurs during business growth and internationalisation. One open question which cannot be answered in this framework is how the resource-exchange combinations in relation to network-embeddedness configurations, including the minimal degree of local embeddedness, would change when creative entrepreneurs in non-urban places started to internationalise. A further exploration of the growth-orientation of creative entrepreneurs in relation to the place embeddedness through a longitudinal sample (for instance, follow-up interviews with the five entrepreneurs portrayed) will allow a more precise conceptualisation of this aspect. Thirdly, the specific combinations of the embeddedness categories within the two dimensions and two "items" each (such as social network embeddedness with private/professional networks; and spatial network embeddedness with local/external networks) should be further scrutinised for other entrepreneurship contexts, which was not possible in the context of this study. In a similar vein, the possible resource categories, such as natural amenities, financial-economic resources, inspirational resources, social resources, etc., should be specified further. Fourthly, it might be possible to extend the framework proposed by including an operationalisation of the degree of embeddedness achieved, including the assumed threshold of a minimal level of embeddedness in a non-urban place. Finally, the conceptual framework will also need to be reviewed for other creative professions that engage entrepreneurially outside urban places (e.g., musicians, actors, writers, or graphic designers, and other creative IT entrepreneurs). In particular, follow-up research should scrutinise the underlying concept of creative entrepreneurship by including motivational factors of creative individuals (*cf.*, De Klerk, 2015; Valliere and Gegenhuber, 2014; Amabile and Pillemer, 2012).

This final validation will carry this conceptual framework further so that it will hopefully inform public policy-makers in non-urban places and increase their awareness of the various network-embeddedness configurations that matter for place development through entrepreneurship. As the wider practical and societal implications of this paper, relevant actors, notably private- and public-sector managers, in non-urban places should safeguard that creative individuals with entrepreneurial aspirations and incumbent creative entrepreneurs have access to various local networks to enable them various combinations of resource bundles for their creative work and achieve a high degree of embeddedness.

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Table 1: The five creati	ve entrepreneurs	
The entrepreneur	Background of the entrepreneur	The entrepreneur and nascent/incumbent entrepreneurship
A	As a trained silversmith with a degree from England in jewellery and graphic design, A had first started a career as a graphic designer with a media company in Oslo before deciding to move to the Lofoten Islands jointly with a partner. A bought a house that provides space for their creative work and artwork.	After some years of working in the media business, A decided to leave this profession behind and focus on the artistic profession, which is the re-use of objects. A firstly experimented with small objects and later worked on the re-use of baby clothing that were sold in order to test whether A should take a passion for the idea further in the form of a self-employed business. Based upon a regional grant, A started with a small shop and took some training, both in the creative profession itself and business courses. The business is to re-design clothes and accessories and create <i>objets d'art</i> from used textile materials, which A both sells and exhibits as art. Besides sales through an online shop, A lives on the incoming tourists during the tourism seasons.
В	B took pottery courses after high school and fell in love with the art of pottery. This motivated B to take a vocational apprenticeship and a master certificate in pottery. B studied and worked first in Oslo, but later decided to abandon the studies and devote all attention to pottery. When B had inherited a closed shop in the countryside, the entrepreneur began to work in the shop with other creative individuals from the region. After that B's partner was offered a job on the Lofoten Islands, B joined to enjoy another passion, which is the deep-sea fishing, in the High North. The couple first rented a house on the Lofoten Islands and later bought a building in the heart of a village.	As the entrepreneur fell in love, first and foremost, with both the place and the house that B had bought, B began to make a living from the sales of handmade pottery objects to tourists. After a few years, B was able to establish a business with a pottery shop, exhibitions of artworks, and a café. Since the premises have a central location in the village, tourists during the summer season are important for this entrepreneur.
С	C used to work as an employee in the travel industry in Norway but moved to Sweden because of a marriage. C has grown up close to the Lofoten Islands and came back to the region with the family for annual rock-climbing summer holidays. While living in Stockholm, C joined silversmith classes and began a self-education about how to be a silversmith. C was invited to exhibit some of the work at Stockholm's famous <i>DesignTorget</i> (a design art competition and exhibition) and started to sell jewellery on commission in Stockholm. A relative later offered C housing space for rent on the Lofoten Islands to display C's work in a small shop, which later became a workshop. Since that time, C has been commuting between	The entrepreneur's business is jewellery design with a focus on sustainable luxury jewels from re-cycled metals. Having started out as a commission-based local designer elsewhere, C began to develop an own business, including an own web-shop. C took over all tasks associated with the business herself, including the marketing, branding, and product development. Over the past years, C has gained fixed retailers as well as international and local customers, and selling takes place through a webshop and local sales to tourists.

	Stockholm and the summer-season location and workplace, the	
D	Lofoten Islands. The entrepreneurs are two pairs of siblings, who all have an engineering background from Norway. When they had spent their summers on the Lofoten Islands for the first time, they found an old factory building and decided to buy and restore it. They gradually invested money and time into the renovation of the building.	At the beginning, the entrepreneurs were committed to the renovation work of the building and the development of their business during their leisure time. After the initial months, they moved to the Lofoten Islands and took a more professional approach. By inviting volunteers, they managed to quickly launch their restaurant and hotel after that they had transformed a former factory building into an event restaurant and hotel which hosts conferences, seminars, yoga and spa retreats, and courses for individual and corporate travellers. Seasonal tourists are important for them, but D also attract business
	UX A	travellers and individuals who visit the cultural events which the
E	The entrepreneur's background is a degree in fashion design. After the studies, E first worked in a design studio in London, but later moved back to the home region, close to the Lofoten Islands. Initially, E took a full-time job in another profession to make a living, which allowed the entrepreneur gradually to establish and develop her business.	entrepreneurs (co-)organise. The entrepreneur had always dreamt of becoming a fashion designer. After that E had moved back to the region, E developed the business to launch a fashion-design product that conveys man's respect for nature and the spirit of Northern Norway. E investigated fish skin as a material and began to experiment with different skin and leather types, developed samples and gradually assembled a first collection of fish-skin leather bags and accessories. Through a regional-funding grant, E was able to attend courses in entrepreneurship and simultaneously started a local shop. Subsequently, E begun to internationalise the business. The entrepreneur is committed to the manufacturing of leather-based design bags and accessories that are sold through an online shop and specialised retailers.
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	graphic design, A had first started a career as a graphic designer with	leave this profession behind and focus on the artistic profession,
	a media company in Oslo before deciding to move to the Lofoten	which is the re-use of objects. A firstly experimented with small
	Islands jointly with a partner. A bought a house that provides space	objects and later worked on the re-use of baby clothing that were sold
	for their creative work and artwork.	in order to test whether A should take a passion for the idea further in
	9/	the form of a self-employed business. Based upon a regional grant, A
	' 0 ~	started with a small shop and took some training, both in the creative
		profession itself and business courses. The business is to re-design
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	('A	materials, which A both sells and exhibits as art. Besides sales
	`//X	through an online shop, A lives on the incoming tourists during the
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	later decided to abandon the studies and devote all attention to	was able to establish a business with a pottery shop, exhibitions of
	pottery. When B had inherited a closed shop in the countryside, the	artworks, and a café. Since the premises have a central location in the
	entrepreneur began to work in the shop with other creative	village, tourists during the summer season are important for this
	individuals from the region. After that B's partner was offered a job	entrepreneur.
	on the Lofoten Islands, B joined to enjoy another passion, which is	entrepreneur.
	the deep-sea fishing, in the High North. The couple first rented a	
	house on the Lofoten Islands and later bought a building in the heart	4/1
	of a village.	1/2/
С	C used to work as an employee in the travel industry in Norway but	The entrepreneur's business is jewellery design with a focus on
	moved to Sweden because of a marriage. C has grown up close to the	sustainable luxury jewels from re-cycled metals. Having started out
	Lofoten Islands and came back to the region with the family for	as a commission-based local designer elsewhere, C began to develop
	annual rock-climbing summer holidays. While living in Stockholm,	an own business, including an own web-shop. C took over all tasks
	C joined silversmith classes and began a self-education about how to	associated with the business herself, including the marketing,
	be a silversmith. C was invited to exhibit some of the work at	branding, and product development. Over the past years, C has
	Stockholm's famous <i>DesignTorget</i> (a design art competition and	gained fixed retailers as well as international and local customers,
	exhibition) and started to sell jewellery on commission in Stockholm.	and selling takes place through a webshop and local sales to tourists.
	A relative later offered C housing space for rent on the Lofoten	'Uh
	Islands to display C's work in a small shop, which later became a	
	workshop. Since that time, C has been commuting between	

1/5/	Stockholm and the summer-season location and workplace, the		
'0//	Lofoten Islands.		
D	The entrepreneurs are two pairs of siblings, who all have an	At the beginning, the entrepreneurs were committed to the renovation	
	engineering background from Norway. When they had spent their	work of the building and the development of their business during	
	summers on the Lofoten Islands for the first time, they found an old	their leisure time. After the initial months, they moved to the Lofoten	
	factory building and decided to buy and restore it. They gradually	Islands and took a more professional approach. By inviting	
	invested money and time into the renovation of the building.	volunteers, they managed to quickly launch their restaurant and hotel	
		after that they had transformed a former factory building into an	
	1/2/	event restaurant and hotel which hosts conferences, seminars, yoga	
		and spa retreats, and courses for individual and corporate travellers.	
	'/	Seasonal tourists are important for them, but D also attract business	
	$O_{\mathcal{K}}$	travellers and individuals who visit the cultural events which the	
		entrepreneurs (co-)organise.	
3	The entrepreneur's background is a degree in fashion design. After	The entrepreneur had always dreamt of becoming a fashion designer.	
	the studies, E first worked in a design studio in London, but later	After that E had moved back to the region, E developed the business	
	moved back to the home region, close to the Lofoten Islands.	to launch a fashion-design product that conveys man's respect for	
	Initially, E took a full-time job in another profession to make a living,	nature and the spirit of Northern Norway. E investigated fish skin as	
	which allowed the entrepreneur gradually to establish and develop	a material and began to experiment with different skin and leather	
	her business.	types, developed samples and gradually assembled a first collection	
		of fish-skin leather bags and accessories. Through a regional-funding	
		grant, E was able to attend courses in entrepreneurship and	
		simultaneously started a local shop. Subsequently, E begun to	
		internationalise the business. The entrepreneur is committed to the	
		manufacturing of leather-based design bags and accessories that are	
		sold through an online shop and specialised retailers.	
		manufacturing of leather-based design bags and accessories that are sold through an online shop and specialised retailers.	
	http://mc.manuscriptcentral.com		

 Table 2: Resource-exchanges and network-embeddedness configurations during the entrepreneurial process

	langes and network-embeddedness configurations during the	
The entrepreneur	Socio-spatial network embeddedness in the non-urban place	Socio-spatial network embeddedness outside the non-urban place
A	As nascent entrepreneur, A was dependent upon financial resources,	A made contacts with other creative and artistic people
	for instance, to buy a house with sufficient space for artistic work. A	internationally, and the entrepreneur is exporting through a web shop.
	used a start-up grant from a regional funding agency which - as A	The development of external networks remains limited because of
	stated – the entrepreneur would not have received in an urban	A's status as a sole self-employed entrepreneur.
	environment. With a broad educational background, however, A also	
	possessed many resources, such as specific competencies for starting	
	a business. A mainly used local professional networks to develop the	
	business as incumbent entrepreneur, supplemented by local private	
	networks. One of A's key resources is the natural amenities of the	
	place, which provide the entrepreneur with inspiration. A also stated	
	that there are many individuals living on the Lofoten Islands that	
	think in ecological terms and have alternative and artistic lifestyles,	
	which represents another important resource for A during nascent and	
	incumbent entrepreneurship. After having established oneself	
	professionally in the location (through volunteering for leadership	
	assignments in local associations and organisations), A turned into a	
	provider of resources to the locality to a limited extent.	
В	B was initially very resource-dependent and remains resource-	Except for international tourists visiting the place, resources from
	dependent today. The incoming tourists and networks with local	networks outside the location do not matter to B.
	professionals are key resources that B depends upon. At the	C /.
	beginning, B was able to buy a cheap, large house that the	
	beginning, b was able to buy a cheap, large nouse that the	
	entrepreneur used both as a workshop and a shop and which B also	4/12
		9/12/
	entrepreneur used both as a workshop and a shop and which B also	9/19/
	entrepreneur used both as a workshop and a shop and which B also rents out to other local and visiting artists. The location itself,	9/19/2
	entrepreneur used both as a workshop and a shop and which B also rents out to other local and visiting artists. The location itself, including the harsh climate and the dark months in the winter times,	9/19/80
	entrepreneur used both as a workshop and a shop and which B also rents out to other local and visiting artists. The location itself, including the harsh climate and the dark months in the winter times, represents an important resource that inspires B. As an incumbent	9/19/BOA
	entrepreneur used both as a workshop and a shop and which B also rents out to other local and visiting artists. The location itself, including the harsh climate and the dark months in the winter times, represents an important resource that inspires B. As an incumbent entrepreneur, B also became resource-providing to the locality, for	9/19/Beh-
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D

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l	competencies that the entrepreneur had acquired and developed
I	through training. When C had been in the transition to incumbent
I	entrepreneurship, C had searched for a new business concept, which
I	was facilitated through the opportunity to open a shop on the Lofoten
I	Islands where the entrepreneur became quickly integrated in local
I	private and professional networks. Prior to this, C had operated from
I	Stockholm, but lacked a physical workshop and a sales point. C's
I	origins from Northern Norway opened many doors and constitute
I	another important local resource during the nascent and incumbent
I	entrepreneurship. C affirms that the local resources are paramount for
I	the business concept, as it is based upon the locality as a value and
I	brand. The stories that C has learned about the Lofoten Islands from
I	talking to the local people inspire the entrepreneur, and, more
I	recently, C has also employed staff during high seasons. The
I	entrepreneur invests resources in the locality by promoting other
I	businesses and creative people from the Lofoten Islands. C's key
I	resources are professional networks, while private networks do not
l	matter to C.
ĺ	The entrepreneurs D were dependent upon local resources at the
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competencies that the entraprenour had acquired and developed

base outside the Lofoten Islands and the outsourcing of part of the manufacturing. As a commuter between Stockholm and the Lofoten Islands, the act of commuting, as such, is an external resource that provides this entrepreneur with inspiration. C furthermore states that the entrepreneur does not want to become overly dependent upon a specific location; thus, the professional networks outside of the location remain important.

beginning because they needed to get contacts with other creative people in the location. Moreover, they benefited from the openness of the locals and the diversity of the people attracted to the region when they started their business. They affirmed that they could access local resources quite easily because the small place facilitated acquaintances and contacts with a broader community of the people living in the village. Over time, they became even more dependent upon local resources when they took part in the organisation of local events and started to collaborate more closely with other local businesses and entrepreneurs. At the same time, as incumbent entrepreneurs, D also provide resources to the location by initiating a new annual music festival that attracts new visitors and creates additional value to the local community. Altogether, these entrepreneurs are both providing resources to and retrieving resources from local professional networks, but private networks in the location hardly matter to them. E was also very resource-dependent at the beginning because the

entrepreneur had received regional funding, and, through the funding,

E participated in business training programmes. Local resources

provided E with both financial and practical benefits, as the

At the beginning, D depended heavily upon external resources, such as funding from outside the location, the volunteers and paid work of, *e.g.*, talented craft and construction workers for the renovation of the building, external course teachers for courses and activities offered, or service staff for the sales shop, café, restaurant and hotel. Many of these external contacts were people that D had known from before, but they also acquired new contacts during their business establishment from outside the Lofoten Islands. As incumbent entrepreneurs, the resources obtained from external locations still matter for them because the business concept focuses on the temporary use of external creative individuals (artists, musicians, yoga teachers, *etc.*) together with local contacts (*e.g.*, local artists and musicians) during the high seasons and events. Again, it is the external professional networks that matter for D.

E was dependent upon a mix of local and international resources at the beginning. E expresses that the entrepreneur needs the buzz of bigger cities to find inspiration. Hence, external resources from professional networks outside of the location as well as private

entrepreneur states; for instance, the funding programme provided E with contacts to other local creatives during nascent entrepreneurship. Furthermore, the smallness of the location saves time and travel costs for E, and the tranquillity of nature is another important local resource. As an incumbent entrepreneur, E has become very independent of local resources, except for the fact that the brand relies heavily upon the local amenities. E also states that local . bra.
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relying upon. In.
__mal ones. businesses are very open to promoting the brand because they are proud of local products, and the local co-operative attitude is another resource that the entrepreneur is still relying upon. The networks that E uses locally are mainly professional ones.

meetings through travels matter to E. The entrepreneur also outsources the production to European countries and collaborates with national and international sales and promotion agencies. The resources from external professional networks were and are paramount to this entrepreneur.

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Table 3: The conceptual framework derived

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Resource-exchange drivers	Multi-level network embed		
Entranga aurial ana aga	Social embeddedness S	Spatial embeddedness	
Entrepreneurial process Nascent entrepreneurs:		network embeddedness	-
Resource-dependent mechanism more	through resource		
important than resource-providing	inrough resourc	e-exchanges	
mechanism	Ť		
Established entrepreneurs:			
Resource-providing mechanism more	₩		
important than resource-dependent	Minimal d	egree of	
mechanism	spatial (local) netwo	ork embeddedness	
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nttp:/	me.manuscriptcentral.com	IJCDI	

19 February 2022

Dear editor, dear reviewers,

Many thanks for the opportunity to revise our manuscript "Creative-artistic entrepreneurs and embeddedness in non-urban places: a resource exchange and network embeddedness logic". We herewith submit two versions for your convenience: a) reader-friendly clean version and b) a version with changes highlighted in red font. We gratefully acknowledge all comments, which we deemed helpful to develop our paper. Thus, we carefully paid attention to them and respond to the three reviewers as follows:

Comments by editor & reviewer	Our responses to the comments & our revisions	Where to find the revisions in
concerning Reviewer 1		the manuscript
"I note most of the points I raised on creative identity have not been considered,	Thank you for your first comment.	See "Introduction" (p. 2) and "Conclusion and limitations"
nor the distinctiveness of motivational related to these taken into account. Whilst this is disappointing because it may shed	About your second comment: We have included this new limitation now in the limitations paragraph in the final section, as follows: "In particular, follow-up research should scrutinise the	(pp. 20f.). New literature included: see
clearer light on your findings, through a greater depth of understanding, I accept that the sampling methodology batches them all together."	underlying concept of creative entrepreneurship by including motivational factors of creative individuals (<i>cf.</i> , De Klerk, 2015; Valliere and Gegenhuber, 2014; Amabile and Pillemer, 2012), which might support refinements of the conceptual framework." See pp. 20-21.	throughout the paper.
"For the intended audience this is probably sufficient, though I would also note that a more critical creative industries audience would no doubt question the fact that this has not been taken onboard, primarily as a limitation of the study." "The responses still suggest an outsider	We have moreover explained in a new footnote on p. 2, which comes right in the initial pages of the introduction, how creative entrepreneurship is defined in the paper and have also included literature that points to the various, and distinctive, motivational factors leading to a creative business. Footnote on p. 2: "Importantly, the entrepreneurs addressed in this paper cannot be clearly assigned to the various subsectors within the creative	Marior
perspective, as the creative industries	economy, which may result in richly layered motivations for	12

typologies have not been considered, nor the literature that discussions motivational constructs employed. Given the sample size, better argumentation for pulling some rather disparate types of creative businesses together would be helpful, and the associated limitations should be clearly expressed."

their entrepreneurship (e.g., Faggian et al., 2013; Eikhof and Haunschild, 2007) that cannot be properly internalised with the perspective applied here. Indeed, the present paper overall utilises an outsider perspective (Sanchez-Burks et al., 2015) on creativity and entrepreneurship through business processes as it does not investigate the internal motivations of the creative enterprising individuals."

Added literature throughout the text whenever it was appropriate:

- Amabile, T. M. and Pillemer, J. (2012), "Perspectives on the social psychology of creativity", *The Journal of Creative Behavior*, Vol. 46 No. 1, pp.3-15. https://doi.org/10.1002/jocb.001.
- De Klerk, S. (2015), "The creative industries: an entrepreneurial bricolage perspective", *Management Decision*, Vol. 53 No. 4, pp. 828-842. https://doi.org/10.1108/MD-03-2014-0169.
- Eikhof, D. R. and Haunschild, A. (2007), "For art's sake! Artistic and economic logics in creative production", *Journal of Organizational Behavior: The International Journal of Industrial, Occupational and Organizational Psychology and Behavior*, Vol. 28 No. 5, pp.523-538. https://doi.org/10.1002/job.462.
- Faggian, A., Comunian, R., Jewell, S. and Kelly, U. (2013), "Bohemian graduates in the UK: Disciplines and location determinants of creative careers", *Regional Studies*, Vol. 47 No. 2, pp.183-200. https://doi.org/10.1080/00343404.2012.665990.

"Researchers in Europe tend to divide the definition into two categories - "core" creative (arts related activities) industries

We have specified this definitional issue in the introduction on p. 2:

See "Introduction" on p. 2.

and "partially" creative industries (advertising, architecture, and design as well as media industries) (O'Connor, Arts Council, 2007)."

"This was my main criticism from outset, and a simple acknowledgement that the literature / insights employed come predominantly from a business research perspective, and not from an in-depth understanding of creative business typologies, will better enable readers such as myself to position the work and its findings."

"The sampling 'of convenience' needs to be more clearly articulated, as for example, design businesses respond to the needs of clients or customers, whereas arts and crafts rely on customers who appreciate their work. The EUs Arts and Humanities Enterprise hub's literature review could be a useful reference in this regard."

- New text added on p. 2: "In the literature, a further distinction is made between core sectors of the creative-cultural economies, consisting of art-related and artistic professions, and surrounding sectors accompanying the core service sectors, *e.g.*, advertising, media, IT-related professions (O'Connor, 2007, p.47)."
- Revised text on p. 2: "Departing from these definitions and concepts, in the context of this paper, creative entrepreneurship is understood as the manufacturing of creative-design and creative-artistic products and services which embody, at least partly, a non-material cultural, *i.e.*, aesthetic value (*cf.*, Smit, 2001)."

Moreover, as aforementioned, we have now defined clearly that we, indeed, apply a business perspective on the creative individuals but do not include their motivational factors, even though this is addressed to some extent in the literature review (see new footnote on p. 2).

Thank you, this is a valid point. We have clarified this in the footnote on p. 13, so hopefully this issue will be resolved in the revised version.

About your comment regarding the "EU Arts and Humanities Enterprise hub's literature": We also tried to identify the literature that you point to and included several new references that *expressis verbis* address the internal, motivational factors and challenges that creative enterprising individuals face:

• Amabile, T. M. and Pillemer, J. (2012), "Perspectives on the social psychology of creativity", *The Journal of Creative Behavior*, Vol. 46 No. 1, pp.3-15. https://doi.org/10.1002/jocb.001.

See "Setting the context" on p. 13.

•	De Klerk, S. (2015), "The creative industries: an
	entrepreneurial bricolage perspective", Management
	Decision, Vol. 53 No. 4, pp. 828-842.
	https://doi.org/10.1108/MD-03-2014-0169.
	E11 CD D 111 1211 4 (2007) (/E

- Eikhof, D. R. and Haunschild, A. (2007), "For art's sake! Artistic and economic logics in creative production", *Journal of Organizational Behavior: The International Journal of Industrial, Occupational and Organizational Psychology and Behavior*, Vol. 28 No. 5, pp.523-538. https://doi.org/10.1002/job.462.
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Reviewer 2

"Since this is described as a conceptual piece I feel that the results should be reworked to reflect the very exploratory nature of the work. In fact I would recommend removing RP1-4 as this reinforces the expectation that there are research questions/hypotheses being tested. Reinforcing the conceptual nature of the paper and reducing its research emphasis will help make it a more coherent piece."

"The implications include a limitations section which in many ways precisely outlines why the paper as it stands does not succeed in its attempt to support

This is a valid argument, and your suggestion improves the quality of the conceptual part. We have removed the research propositions. Parts of the sections "A conceptual framework..." (pp. 9 ff.) and "Setting the context" (p. 12) were thus rephrased. Table 1 was removed and replaced by a new table (numbered as Table 3 now) with some changes. The new Table 3 will illustrate the mechanisms studied in the conceptual framework and their refinement about a minimal embeddedness by means of the illustrative case study.

We agree, see above.

See "A conceptual framework..." (pp. 9 ff.) and "Setting the context" (p. 12). See renumbered Table 3.

No changes necessary.

assertions through the data collected given the limited and highly unique nature of the		
subjects and geographic context." "Reworking the paper as a thought- piece/conceptual work would strengthen the nature of the arguments and ideas presented."	As stated above, we have removed the research propositions and downtoned the originality of the fieldwork, which only serves as an illustrative example, but cannot be replaced by a proper qualitative research design.	See "A conceptual framework…" (pp. 9 ff.) and "Setting the context" (p. 12). See renumbered Table 3.
"The paper is described as a conceptual piece and I feel that the research aspect of this work should play a reduced given the limitation of the study."		
Reviewer 3		
"I agree with the revisions, in particular	Thank you, we are happy to hear that.	
the revised methodology section, which	. 62	
more clearly positions the paper's	10 _k	No changes necessary.
conceptual nature, and the data used will		
only help illustrate the framework, as the		
paper does not contribute empirically and	1/0.	
the data only contextualize the framework.		
And this positioning, with further	eneuria,	
clarifications on the creative industry in a	1/2/	
non urban setting, resolves the main issues	9/ ^	
of the previous version."	The shares for this correspond to the dead are held	Coodhanna handdha andina
"The framing is called creative-artistic	Thank you for this very valuable comment. Indeed, we had	See throughout the entire
entrepreneurship, and the definition only	struggled with finding the appropriate umbrella term and	manuscript.
refers to small scale creative design	initially, we were convinced that "creative-artistic	
entrepreneurs. Instead of creative artistic entrepreneurship, I recommend using	entrepreneurship" matches those entrepreneurs that the paper basically addresses. However, we understood that using this term	4//:
either entrepreneurship in creative	might have wider ramifications, as it alludes to the core sectors	
industries or simply creative	within the broad and fuzzily-defined "creative economy" (see the	Ur -
entrepreneurship. Later on in the	comments by reviewer 1 in particular). This is the reason why we	1 2
entrepreneurship. Later on the the	comments by reviewer 1 in particular). This is the reason why we	

literature, the authors use creative	ultimately decided to replace "creative-artistic entrepreneurship"	
entrepreneurship, for example on page	by "creative entrepreneurship".	
6. Please clarify if there is a difference		
between creative entrepreneurship and		
creative-artistic entrepreneurship,		
otherwise, use one term for consistency."		
"In the revised version, the authors used	We have defined the "outsider perspective" in a new footnote on	See "Introducton", p. 3.
"outsider viewpoint." However, this has	p.2: "Importantly, the entrepreneurs addressed in this paper	
not been clarified in the paper-the outsider	cannot be clearly assigned to the various subsectors within the	
of creative and artistic literature?"	creative economy, which may result in richly layered motivations	
	for their entrepreneurship (e.g., Faggian et al., 2013; Eikhof and	
	Haunschild, 2007) that cannot be properly internalised with the	
	perspective applied here. Indeed, the present paper overall	
	utilises an outsider perspective (Sanchez-Burks et al., 2015) on	
	creativity and entrepreneurship through business processes as it	
	does not investigate the internal motivations of the creative	
	enterprising individuals.".	
	The "outsider perspective" is meant to distinguish the approach	
	chosen in the paper from internal, motivational factors conducive	
	to creativity and creative-economy entrepreneurs. It was included	
	following a recommendation by reviewer 1.	
"Because the paper makes no empirical	Thank you, this is another valuable comment. We have changed	See abstract.
contributions and the data only	the abstract accordingly:	
contextualizes the framework, I would not		
emphasize fieldwork in terms of	Design/methodology/approach: Based upon the conceptual	
originality. Please refer to the abstract. In	framework for creative entrepreneurship in a non-urban place, an	1/2.
addition, there is relatively few	illustrative case study of small-scale creative-design	9//
information in the case study table- It	entrepreneurs on the Lofoten Islands in Norway (2019) is utilised	
appears superficial."	to discuss the framework.	19Vior
	Ouisia dita The annual substitution of the state of the s	
	<i>Originality</i> : The paper uses an original conceptual framework.	

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ac opportunity to prese. We hope that these revisions improve our manuscript such that it can be accepted for publication. Again, we thank you for the valuable comments on our paper and the opportunity to present it to the editor and reviewers of the journal "International Journal of Entrepreneurial Behaviour & Research".

With best regards, The authors