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ORGANIZATIONAL READINESS FOR DIGITAL INTRAPRENEURSHIP: TOWARDS THE DESIGN OF AN ASSESSMENT TOOL

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Abstract

In today's hyper-dynamic business environment, the capability to foster innovation is critical. Many organizations recognize their employees as an unresolved source for innovation during digital transformation. Consequently, intrapreneurship has become of strategic importance, and initiatives, such as digital intrapreneurship platforms, arise. However, many initiatives do not provide aspired outcomes due to the lack of organizational readiness. We follow the action design research method to design a multi-dimensional framework that measures organizational readiness for digital intrapreneurship. Hitherto, we identify 27 factors that contribute to an organization's readiness for the successful implementation and usage of digital intrapreneurship platforms. Ultimately, we strive to provide a digital intrapreneurship readiness tool that helps innovation managers to detect and remove hindering factors before implementing solutions.

Keywords: Digital Intrapreneurship Platform, Organizational Readiness Assessment, Digital Transformation, Action Design Research.

1 Introduction

Digital Transformation is one of the significant concerns of organizations across different industries (Vial, 2019). Multiple contributions show that digital transformation is less about the sole implementation of digital technologies but more about realizing a holistic business strategy (Kane et al., 2015) that fosters and cultivates entrepreneurial thinking (Bitzer et al., 2021). This entails creating a culture in which employees are encouraged to raise ideas (Berger et al., 2020; Drechsler et al., 2019; Hansen et al., 2011; Reibenspiess et al., 2018), building an environment where people are motivated to experiment (Guinan et al., 2019) and establishing a sense of responsibility to leverage the multitude of opportunities to innovate (Garmann-Johnsen et al., 2020). Thus, to profit from the potential of digitalization beyond lighthouse projects driven by dedicated departments, organizations need to leverage the know-how of all their employees (Drechsler et al., 2019). Consequently, intrapreneurship has taken on strategic importance (Blanka, 2019; Lages et al., 2017; Opland et al., 2022; Pinchot and Soltanifar, 2021), and organizations implement dedicated intrapreneurship programs to achieve business impact and cultural transformation (Benbya and Leidner, 2018; Reibenspiess et al., 2020). A famous example of such a program is Google's side project approach, whereby employees are encouraged to spend 20% of their time working on new ideas regardless of their day-to-day job. Successful outputs of this program are Google News, Gmail, and Adsense (D’Onfro, 2015).
Advances in digitalization now open up organizations' opportunities to foster intrapreneurship (Reibenspiess et al., 2020). To facilitate the management of the idea submission (Benbya and Leidner, 2018; Ciriello et al., 2019) and enhance the development of innovations through digital collaboration, prototyping, and consumer testing functionalities (Ciriello et al., 2014; Viberg et al., 2020; Zimmerling et al., 2016), organizations increasingly implement digital intrapreneurship platforms (DIPs). As two-sided platforms, DIPs provide benefits to both innovation managers (administrating ideas) and intrapreneurs (submitting and developing ideas) (Reibenspiess et al., 2020). Recent findings show that DIPs promise higher employee motivation to participate and lower costs than non-digital programs (Sandström and Björk, 2010; Benbya and Leidner, 2018; Reibenspiess et al., 2020). Accordingly, Allianz UK recognized an annual benefit of more than $28.3 million since introducing a DIP (Benbya and Leidner, 2018). Despite the benefits of DIPs, many negative examples exist where such platforms have not (yet) achieved the desired effect (Feyzbakhsh et al., 2008; Onetti, 2021). Studies show that intrapreneurship does not function similarly well in every organizational setting (Feyzbakhsh et al., 2008; Hornsby et al., 2009; Ireland et al., 2009). Instead, specific organizational factors drive or inhibit the success of DIPs. Additionally, research shows that despite the accessibility and modernity of digital technologies (Harris et al., 2012; Lokuge et al., 2019), innovation with digital technologies demands numerous changes in resources, staffing, culture, decision-making, communication, and reward systems (Bitzer et al., 2021; Lokuge et al., 2018; Lokuge et al., 2019; Nylén and Holmström, 2015; Nambisan and Sawhney, 2011; Sirmon et al., 2011). Therefore, it is arguable that the performance of intrapreneurship with DIPs relies on the organization's capability to create favorable environments, structures, and processes to foster intrapreneurial behavior.

Various scholars propose readiness assessments to enhance the chances of such endeavors (e.g., Lokuge et al., 2019). Thus, intrapreneurship assessments support innovation managers to investigate whether a DIP will reach the desired effect, preventing the organization from wasting its investment due to its missing readiness in using the DIP. Accordingly, the assessment users would be the decision-makers in the organization that want to apply a DIP and organizations that develop DIPs for others and have an incentive that the offered DIP reaches its full potential at their customers.

So far, existing research (e.g., Kuratko et al., 2014; Neessen et al., 2019) provides an essential foundation for understanding critical success factors for intrapreneurship readiness. However, the current literature does not consider the capabilities of digital technologies and how they are changing collaboration in today's and tomorrow's organizations. Consequently, existing assessments are either outdated (e.g., Kuratko et al., 1990) or do not consider digital components of intrapreneurship and their implications (e.g., Kuratko et al., 2014). Thus, there is no evidence on which characteristics determine whether an organization is ready to introduce and leverage a DIP successfully. Against this backdrop, we address the following research question:

**What are the factors in evaluating an organization's readiness for the introduction of a digital intrapreneurship platform?**

We follow action design research (ADR) to develop a digital intrapreneurship readiness tool (DIRT) as an artifact to answer our research question. We conduct several interviews and workshops during the development process to identify the factors that determine an organization's digital intrapreneurship readiness. Hitherto, our framework comprises six dimensions and 27 factors. The framework builds the conceptual basis for the DIRT design, which we will present in the future. We expect our findings to help detect hindering factors before implementing solutions that cannot thrive under prevailing conditions. We aim to help providers of digital intrapreneurship platforms develop novel offerings that address existing challenges. Further, we expand the digital intrapreneurship literature, which has focused on developing platforms and offerings to enable intrapreneurial behavior (e.g., Reibenspiess et al., 2020) and neglected challenges during the launch that limit chances for successful implementation. Our contribution might be insightful for researchers who want to support intrapreneurship and employee-driven innovation within organizations. Lastly, our results might be insightful for researchers who aim to effectuate digital transformation through digital innovation, e.g., fostering digital bottom-up innovations (Berghaus and Back, 2017).
2 Theoretical background

2.1 Digital Intrapreneurship

Intrapreneurship represents an in-house form of entrepreneurship whereby employees take the initiative in developing innovations within and for their organizations (Vassilakopoulou and Grisot, 2020; Pätzmann, 2021). Digital intrapreneurship is a form of intrapreneurship that involves digital technologies as a critical component of innovation (Pinchot and Soltanifar, 2021). The innovation can form a new digital product or service, such as Google's mail service, or digital technologies can enable innovation, such as collaboration or computing tools. Consequently, digital technologies can either act as output in a new product or as an enabler during entrepreneurial activities (von Briel et al., 2018; Nzembayie et al., 2019). This paper focuses on digital technologies (e.g., DIPs) as an enabler of intrapreneurship. DIPs support, foster, and accelerate employee-driven innovations so that all employees can participate and intrapreneurial activities can be managed across national borders and departments. Recent research shows that DIPs can increase employees' motivation to engage in intrapreneurial activities (Benbya and Leidner, 2018; Reibenspiess et al., 2020). Further, DIPs can be more cost-efficient as non-digital intrapreneurship programs (Sandström and Björk, 2010; Benbya and Leidner, 2018; Reibenspiess et al., 2020). Based on the definitions by Reibenspiess et al., (2020) and Nambisan (2017), we define a DIP as a digital platform encompassing technical elements and associated processes that guide, host, and support intrapreneurial initiatives in organizations. In line with Vassilakopoulou and Grisot (2020), we define digital intrapreneurship as the pursuit of entrepreneurial activities within corporate structures enabled by digital technologies (e.g., DIPs).

2.2 Intrapreneurship Readiness Assessments

Organizational readiness has gained attention in various disciplines, such as management (Jones et al., 2005; Weeks et al., 2004), healthcare (Fuller et al., 2007; Saldana et al., 2007), and IS (Lokuge et al., 2019; Robey et al., 2008). The concept of readiness can be understood through four characteristics: First, readiness is a state reached before initiating a particular action can happen effectively (Helfrich et al., 2011; Lokuge et al., 2019). Second, readiness is not a dichotomous ("ready" or "not ready") but a continuous variable (Lokuge et al., 2019). Third, readiness addresses psychological, behavioral, and structural components (Helfrich et al., 2011) and can be witnessed from different perspectives, e.g., the individual, team, or organizational level (Grover et al., 1999; Lokuge et al., 2019, Molla et al., 2009). This study analyzes digital intrapreneurship readiness on an organizational level.

The terms readiness and innovation have been analyzed and reviewed under two main perspectives in literature (Uz Kurt et al., 2013), i.e., an organization's readiness to withstand external innovations of competitors and an organization's readiness to deliver innovation (Lokuge et al., 2019). This paper focuses on evaluating an organization's readiness to enable innovation through DIPs.

The first research paper on assessing an organization's intrapreneurial environment originates from Kuratko et al. (1990). The authors develop an intrapreneurship assessment instrument (IAI) to measure the effectiveness of an environment for the initiation of intrapreneurship. The IAI represents a questionnaire with 28 items that address three dimensions, i.e., management support for intrapreneurship, organizational structure, and reward and research availability. More recently, Hornsby et al., (2002, 2009, 2013) and Kuratko et al. (2014) modified and refined the instrument, now called the corporate entrepreneurship assessment instrument (CEAI). The CEAI from Kuratko et al., (2014) consists of 48 questions addressing five dimensions, i.e., management support for corporate entrepreneurship, work discretion, rewards and reinforcements, time availability, and organizational boundaries. Although both the IAI and CEAI help understand critical success factors for intrapreneurship, they do not consider the logic and opportunities of digital technologies and how they change collaboration in todays and future organizations. Accordingly, numerous studies on the success of mastering the digital transformation through innovation (Berghaus and Back, 2017; Vial, 2019) have shown that not only the modernity of the digital platforms but also (IT) decision-makers
and organizational culture play a substantial role (Lokuge et al., 2019; Nylén and Holmström, 2015; Swanson and Ramiller, 2004; Weill and Vitale, 2008). However, there has been no empirical investigation of the factors that define an organization's readiness for digital intrapreneurship. While we acknowledge that the IAI and its successor help evaluate an organization's readiness for intrapreneurship, we argue that additional dimensions and factors need to be considered for the sustainable usage of DIPs. Therefore, we aim to investigate the factors that define an organization's readiness for digital intrapreneurship and develop a measurement tool that facilitates evaluating whether an organization is ready for the effective adoption, implementation, and exploitation of a DIP.

3 Methodology

3.1 Research Design

General Description of ADR – ADR is a design science methodology for immersive industry-based projects (Mullarkey and Hevner, 2019). Sein et al.'s (2011) ADR model distinguishes between three mutually influential stakeholder groups, i.e., researcher, practitioner, and end-user, thus enabling knowledge transfer from practice to research and vice versa. The model also points out that every stakeholder receives individual contributions from the designed artifact when going through the four stages, i.e., problem formulation, building, intervention and evaluation, reflection and learning, and formalization of learning. Mullarkey and Hevner (2019) propose an ADR framework, which is a process model based on four stages: diagnosis, design, implementation, and evolution. Each stage consists of intervention cycles that go through distinct phases: problem formulation/action planning (P), artifact creation (A), evaluation (E), reflection (R), and formalization of learning (L). Thus, an evaluated artifact as output can be expected after each intervention cycle.

Methodology Selection – We chose ADR for three major reasons: Firstly, ADR is specifically designed to combine researchers and practitioners in the development process of artifacts. Since we draw on theoretical, technical, and practical expertise from practice and researchers and develop the artifact cooperatively, ADR proposes a good fit. Secondly, we address the issue of unsuccessful implementations and usage of DIPs in organizations due to hindering organizational factors, thus covering a real-world problem for the case organization (DIP provider) and other organizations that aim to implement DIPs. ADR follows principles to solve such real-world problems (Reibenspiess et al., 2020; Sein et al., 2011). Thirdly, the case organization's assessment instrument aims to effectuate internal change in organizations that use and implement the assessment. This objective is in line with the interventionist nature of ADR. (Reibenspiess et al., 2020).

Methodology Selection – Firstly, ADR is specifically designed to combine researchers and practitioners in the development process of artifacts. Since theoretical, technical, and practical expertise from practice and researchers guide our research project, and we develop the artifact cooperatively, the ADR methodology proposes a good fit. Secondly, ADR follows principles to solve real-world problems that innovation managers encounter in their day-to-day job (Reibenspiess et al., 2020; Sein et al., 2011). We address the unsuccessful usage of DIPs in organizations due to hindering organizational factors, thus covering a real-world problem for the case organization (DIP provider) and other organizations that aim to implement DIPs. Thirdly, the case organization's assessment instrument aims to effectuate internal change in organizations that use and implement the assessment. This objective is in line with the interventionist nature of ADR (Reibenspiess et al., 2020).

Our approach – To develop our DIRT, we converge the frameworks by Sein et al., (2011) and Mullarkey and Hevner (2019) (Figure 1). We plan to execute seven intervention cycles along the four stages by Mullarkey and Hevner (2019) and aim to integrate the knowledge of researchers, practitioners, and end-users as described by Sein et al., (2011). We expect to develop multiple sub-artifacts as output for our research. The diagnosis stage seeks to analyze the importance of the problem domain and the relevance of the artifact solution to research and practice (Mullarkey and Hevner, 2015, 2019). Further, we identify the factors that constitute an organization's readiness for
digital intrapreneurship, which builds the foundation for the remaining cycles. This paper presents the artifact of our diagnosis stage, i.e., the Digital Intrapreneurship Readiness Framework.

**Case Description** – Within this project, our research team, three researchers from two different universities, cooperates with an organization (*IntraOrg*) that offers DIPs. *IntraOrg* was established as an innovation team within a large telecommunication company in Switzerland to develop an in-house DIP. Since the platform’s launch in 2015, the company has successfully mastered its intrapreneurship journey, gathered over 500 ideas, and launched 17 ventures. The innovation team started offering their DIP to other organizations in the following. In 2021, the innovation team became a spin-off of the telecommunication company and now autonomously works as a company providing business innovation software and solutions. The research team primarily cooperates with *IntraOrg’s* Chief Operating Officer (COO), who has also voiced the initial problem domain, i.e., the unsuccessful implementation and usage of DIPs at their customers due to the lack of organizational readiness. Besides the COO, the practitioners’ team comprises two sales managers, two customer success managers, the chief product officer (CPO), and a software developer. We expect to address two end-users, i.e., *IntraOrg’s* sales team and any organization aiming to implement a DIP. Due to its pioneering position within the intrapreneurship-platform community, *IntraOrg* qualifies for providing valuable insights. Moreover, *IntraOrg* has a valuable network of customers from diverse industries and sizes, which all face the explicated problem in different intensities, ensuring the generalizability of the results. After over eight years of application, experience shows that organizational factors and not technical aspects are responsible for failed platform implementations.

<table>
<thead>
<tr>
<th>ADR Stages</th>
<th>Interventions</th>
<th>Researchers</th>
<th>Practitioners</th>
<th>End-users</th>
<th>Applied Methods</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIAGNOSIS</strong></td>
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<td>Literature Search</td>
<td>Problem and solution domain</td>
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<tr>
<td>Cycle 1</td>
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<td>Semi-Structured Interviews</td>
<td>Research gap</td>
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<td>Cycle 2</td>
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<td>Document Analysis</td>
<td>Conceptualization of organizational factors</td>
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<tr>
<td>Cycle 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Analysis</td>
<td>Digital Intrapreneurship Readiness Framework</td>
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<tr>
<td>Cycle 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semi-Structured Interviews</td>
<td>Definition of measurement metrics</td>
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<td></td>
<td>Analytic Hierarchic Process (AHP)</td>
<td>Definition of technical requirements</td>
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<tr>
<td>Cycle 5</td>
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<td>Online Questionnaires</td>
<td>Alpha version of the artifact</td>
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<tr>
<td>Cycle 6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semi-Structured Interviews</td>
<td>Revised conceptual and technical requirements</td>
</tr>
<tr>
<td>Cycle 7</td>
<td></td>
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<td></td>
<td>Beta Version</td>
<td>Revised emergence of artifact: beta version</td>
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<tr>
<td></td>
<td>Contribution: Design knowledge Contribution to the specific artifact being designed</td>
<td></td>
<td></td>
<td></td>
<td>Utility for self-enforcement</td>
<td>Design principles</td>
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<td>Managerial policies for the tool use</td>
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</tbody>
</table>

**Figure 1.** Our research design adapted from Sein et al., (2011) and Mullarkey and Hevner (2019).

### 3.2 Data Collection & Data Analysis

**Data Collection** – We chose an explorative research approach for the diagnosis phase. The first intervention cycle started in February 2021 with two meetings where we defined the project’s goals. Then, we structured the problem, defined the research design, and elaborated on the research gap. During this stage, we built upon the literature review of Pätzmann (2021) and additional literature search on intrapreneurship readiness assessments (e.g., Hornsby et al., 2009; Kuratko et al., 2014). In June 2021, we conducted a workshop with the COO and CPO to specify the problem, derive design objectives for the solution, and discuss potential user groups and their needs. The first intervention cycle ended when the research and practitioners’ team agreed on the research question. Within the second intervention cycle, we conducted four semi-structured interviews and three workshops (Table 1) with the practitioner’s team to identify organizational factors that hinder or enable the successful
implementation of their DIP. For the interviews, we used open-ended questions. By default, both researchers were present during the interviews, whereby one researcher led the interview, and the other researcher took additional notes. Overall, the interviews and workshops took 29 to 65 minutes, resulting in 415 minutes of data and 107 pages of transcripts. After the material's transcription, coding, and analysis, we conducted two evaluation workshops to reach a consensus upon the relevant factors and their impact, i.e., "must-have" and "nice-to-have" factors for the assessment. Additionally, we discussed the dimensions that the research team derived during the data analysis and assigned the factors to the dimensions. To enhance our results, we also analyzed internal documents of IntraOrg (e.g., briefing material), communication between customers (e.g., slack channel), and the DIP.

Data Analysis – Firstly, we followed the open-coding process of Corbin and Strauss (2015) and used in-vivo codes. For example, we coded the passage "from my experience, c-level support is the most relevant success factor for intrapreneurship" as the importance of c-level support. Secondly, we clustered the codes into first-order concepts (Gioia et al., 2013). To reach a consensus with the practitioners, we discussed the first-order concepts with the COO and labeled the factors as having a positive or negative effect on intrapreneurship. Thirdly, we applied axial coding to draw connections between the first-order concepts and derive second-order themes (Gioia et al., 2013). We consulted existing intrapreneurship literature to improve our framework by reclassifying and renaming the themes (Flick et al., 2004). Fourthly, we allocated the second-order themes, i.e., the hindering factors, to emerging dimensions triangulated from literature. We repeated cycles three and four after the evaluation workshops with the sales and customer success managers. Nevertheless, our data collection and analysis process is not free from limitations: Since we conducted an interview-based evaluation with both the board members and employees, employees might report socially desirable answers (Podsakoff et al., 2003; Reibenspiess et al., 2020). Moreover, the project is conducted with the same DIP. Thus, the involved experience and knowledge are limited to the specific context of the platform.

### Preliminary Results

Our digital intrapreneurship readiness framework (illustrated in Figure 2) contains six dimensions and 27 factors. We first describe existing factors from previous research and link them to respective references in the following. Then, we describe those factors in detail that extend existing literature. The Intrapreneurial Culture describes the extent to which an organization's culture supports intrapreneurship, such as an experimentation mindset (Kuratko et al., 2014), so that employees are not sanctioned for failures, a transformation attitude (Kuratko et al., 2014), which enables employees to take calculated risks, and deliberate collaboration (Kuratko et al., 2014), which enables knowledge exchange. Compared to earlier assessments, we discovered two new factors: Firstly, a growth mindset supports employees in trying new things, seeing challenges as opportunities for development and fostering life-long learning. This factor has become increasingly important in today's digitalized world as employees need to interact and learn with new technologies and shorter product lifecycles. Secondly, employees' organizational identification raises employees' likelihood to invest their time and effort. This factor has gained importance due to the trend of continuous job changes.
Leadership Support describes how supervisors and top management enable intrapreneurship through the provision of temporal resources (Chebbi et al., 2020; Hornsby et al., 2013), financial resources (Menzel et al., 2007), and employee trust, e.g., fewer controlling structures (Globocnik and Salomo, 2015). We further discovered that intrapreneurship needs to have a strategic anchor, such that managers acknowledge employees’ efforts regardless of their day-to-day job. While for many years intrapreneurship was equated with idea suggestion boxes (Reibenspiess et al., 2020), digitalization now enables companies to democratize innovation and thus involve all employees. Thus, intrapreneurship must be given meaning through its strategic integration reaching all business areas.

The Organizational Structure entails solid communication flows (Menzel et al., 2007) that facilitate employee collaboration. As compared to earlier assessments, we discovered three new factors. Firstly, the company size is essential because smaller companies do not need a dedicated program to manage their idea submission process. Secondly, in terms of horizontal labor division, the absence of silo structures works as a facilitator for cross-departmental collaboration. While functional silo structures work in times of stability and organization’s desire for efficiency, innovation demands cross-departmental collaboration because skill exchange and an integrated way of working are crucial when pursuing rapid product developments. Thirdly, in terms of the vertical labor division, flat hierarchies enable faster decision-making among the program management and the intrapreneurs.

The organization’s Innovation Maturity is characterized by existing know-how with innovation tools and processes (Kuratko et al., 2014) and an employees’ understanding of the innovation urgency (Urban and Wood, 2015; Urbano and Turró, 2013). Compared to earlier assessments, we discovered three new factors. Firstly, organizations that integrate the core business with the work of the innovation department are more likely to enable intrapreneurial projects. This factor has become more critical since changing external and internal dynamics require companies to constantly reconfigure their core business models. Secondly, organizations with suitable performance indicators are more ready to engage in intrapreneurship than organizations that measure innovation solely based on short-term returns on investment. We added this factor as intrapreneurship has become more than just the output of ventures and can also be understood as an instrument for transforming the organization’s culture into proactiveness, open-mindedness and self-responsibility. Thirdly, the legitimacy of the organization’s innovation department has also gained in importance. Whereas in the past, intrapreneurship was only driven by small idea-suggestion boxes running as a side project, today, intrapreneurship is managed by dedicated innovation departments. Thus, to increase the number of ideas submitted and the budget released by top management, the legitimacy of this department needs to be secured.

**Figure 2. Digital Intrapreneurship Readiness Framework.**

<table>
<thead>
<tr>
<th>Readiness Factors</th>
<th>Readiness Dimensions</th>
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</thead>
<tbody>
<tr>
<td>Experimentation Mindset</td>
<td>Temporal Resources</td>
</tr>
<tr>
<td>Transformation Attitude</td>
<td>Communication Flow</td>
</tr>
<tr>
<td>Deliberate Collaboration</td>
<td>Company Size</td>
</tr>
<tr>
<td>Growth Mindset</td>
<td>Vertical Labor Division</td>
</tr>
<tr>
<td>Organizational Identification</td>
<td>Innovation Legitimacy</td>
</tr>
</tbody>
</table>

**Table:**

<table>
<thead>
<tr>
<th>Readiness Dimensions</th>
<th>Leadership Support</th>
<th>Organizational Structure</th>
<th>Innovation Maturity</th>
<th>Intrapreneurship Program Management</th>
<th>Digital Maturity</th>
</tr>
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<tbody>
<tr>
<td>Intrapreneurial Culture</td>
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<td>Leadership Support</td>
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<td>Organizational Structure</td>
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<td>Innovation Maturity</td>
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<td>Intrapreneurship Program Management</td>
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<td>Digital Maturity</td>
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*Highlighted: new dimensions and factors in comparison to Kuratko et al. (2014, pp. 40-41)*
To ensure success, the intrapreneurship program management has increased in importance. This team is responsible for integrating and marketing the DIP, managing the idea submission process, coaching intrapreneurs, overseeing strategic partners (e.g., top-level management), and motivating employees to participate. Therefore, an intense (time) commitment and high motivation of the team members are required. In addition, a solid internal network, e.g., to top management or contributors, is essential as it ensures more successful dissemination of the DIP. The autonomy to make independent financial decisions ensures better coaching and meaningful allocation of funds to projects. The team set-up, i.e., its size and diversity in terms of gender, age, and geographic, departmental, and academic background, plays a substantial role in the program's commitment and success. Further, existing know-how on intrapreneurship enables a better coaching process and communication of the program's goals.

With the emergence of DIPs, an organization's Digital Maturity rises as a crucial factor for measuring an organization's readiness for DIPs. This involves the platform integrability, i.e., the organization's capability to integrate a DIP into the organization-wide infrastructure. Further, employees' access to participation through mobile phones or laptops enables employees to partake in the intrapreneurship program. Digital communication channels are vital to reaching all employees across departments, national borders, and, nowadays, home offices. This is essential to communicate the strategy and purpose of intrapreneurship, clarify management's approval, motivate employee participation, and foster communication among employees themselves. Technology access describes how an organization makes innovative technologies available to its employees to inspire innovation.

5 Expected Contribution and Future Work

We identify 27 factors contributing to an organization's readiness to implement and use DIPs. We cluster them into six dimensions that build our digital intrapreneurship readiness framework. Compared to existing assessments, such as the CEAI (Kuratko et al., 2014), our results emphasize the importance of organization's digital maturity and the role of a team that fosters intrapreneurship within an organization. Additionally, our research reveals that intrapreneurship requires employees' intrinsic motivation. Accordingly, our results suggest that financial rewards might be counterproductive. In contrast, financial and time resources and trust in employees promote intrapreneurship. Our preliminary results complement existing research on developing DIPs (e.g., Reibenspiess et al., 2020) that neglected challenges during the launch. In the future, along with our seven-step research approach, we will continue to develop the DIRT. We will dive into the design and implementation stages and derive the conceptual and technical requirements. The former includes measuring metrics, such as the evaluation scale, prioritization of factors, number of questions, and readiness score calculation. The latter consists of defining an interface for initiating the assessment in corporate environments, developing a benchmark feature with other companies, implementing the appropriate data visualization, and creating recommended actions for improving the readiness score. Therefore, we conduct a literature analysis, semi-structured interviews, an analytic hierarchy process, and online questionnaires. Our results will provide practitioners with a tool to assess their current digital intrapreneurship readiness, identify hindering factors, and derive potential actions before implementing a DIP. Thereby, we provide practitioners and researchers with insights on what is necessary to leverage DIPs. Future research should build upon our results to integrate our findings within the development and implementation of DIPs to address potential issues before or during the initial usage. Further, while intrapreneurship as one form of bottom-up innovation might support organization's digital transformation (Berghaus and Back, 2017), our factors that describe organization's readiness for DIPs include several aspects that organizations (should) address during their digital transformation (Bitzer et al., 2021). Therefore, we recommend further research on the interplay between (digital) intrapreneurship and digital transformation.
References


