

BLLUEPRINT

Piloting the transferring of emerging methods for successful LL *Clustering*

IST-PSP Project Proposal²

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Motivation for the *Bllueprint* Pilot Proposal

Piloting the transferring of emerging methods for successful LL Clustering

ACCEPTED

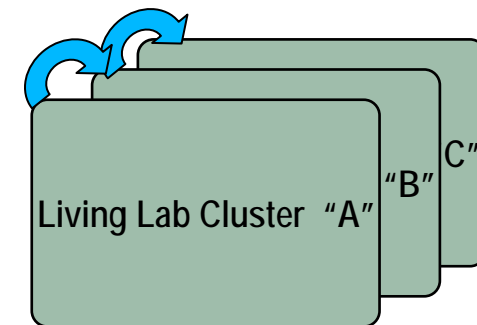
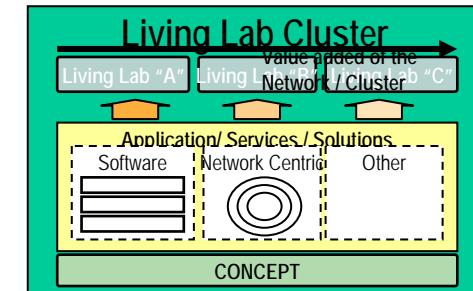
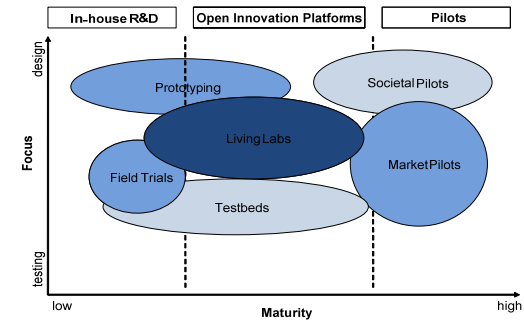
‘Living Labs as a research methodology *[involving users]* for sensing, prototyping, validating and refining complex solutions in multiple and evolving real life contexts.’

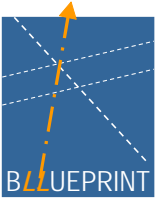
EMERGING

Clusters of Living Labs enable the efficient and effective up-take of **standardized solutions for global end users tackling international challenges** - show particular value for the **European IT industry sector**

DEBATED

Call Text: Sharing experiences and lessons learned as well as tools and methodologies, between Living Labs communities, is important at this stage to be able to capitalise on the effort spent





Main Objective for the *Blueprint* Pilot Proposal is to go beyond the call text to create value add for LLs (w/o auxiliary objectives)

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Main Objectives

- Provide a methodology Blueprint for the **successful** creation, development and **sustainability** of LL clusters.

- Provide a Cook Book for adaptation/modification of the Blue Print to the different types, environment etc. of LL and its variety of maturity levels

By Piloting a tested and promising candidate methodological approach e.g. from C@R, to further develop and transfer emerging LL cluster methods to further LL clusters

Scope

Pilot a methodology and its adaptation on a set of existing and emerging homogeneous* Living Labs Clusters in various sectors to be rolled out to a larger group of LL clusters after or at the end of the Pilot.

Challenges

- Variety of nature of LL and LL clusters
- Diversity of motivation, objectives, approaches and sectors
- Measurability of impact and success of a LLs

Basic Pilot Concept – Approach

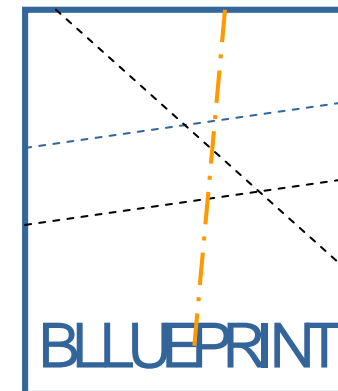
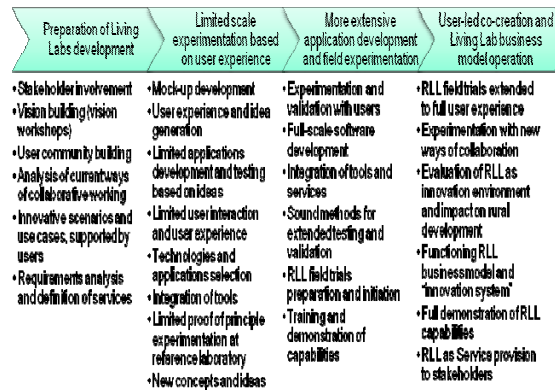
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- Take available, tested and reviewed methods of a set of LL
- Analyse, verify and synergise

- Take a basic set of LL cluster methods
- Revise, refine and make it generally applicable & create the Blue Print

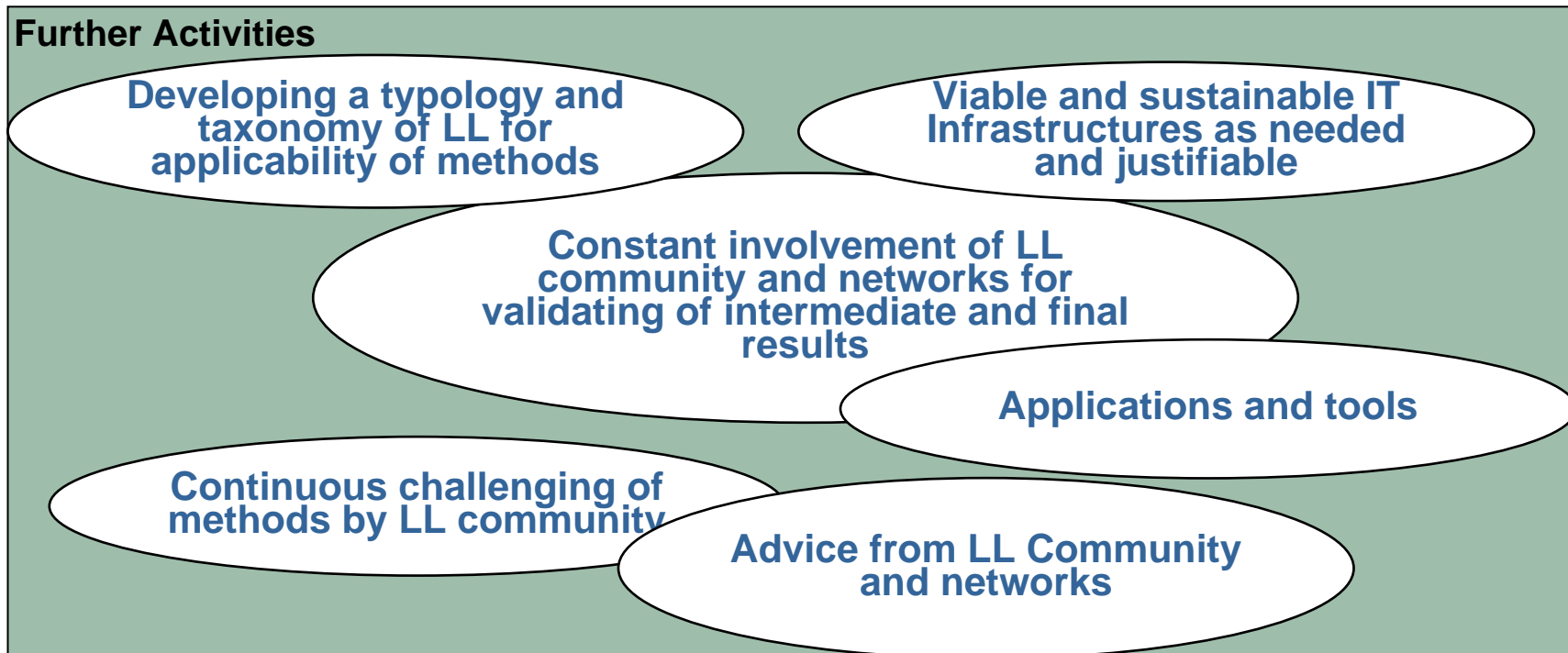
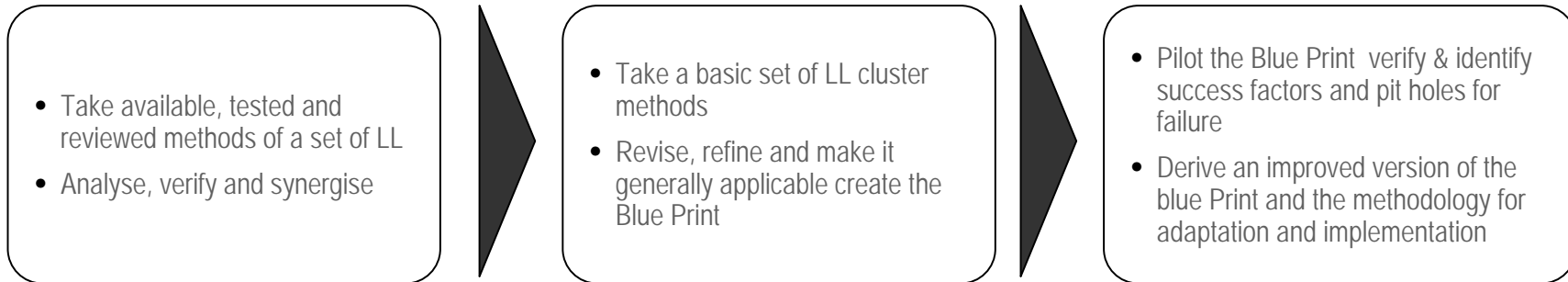
- Pilot the Blue Print verify & identify success factors and “pit holes” for failure
- Derive an improved version of the Blue Print and the methodology for adaptation and implementation

Activity	Activity focus	Actions and research activities
Preparation	Agreement and agreeing among living labs stakeholders	<ul style="list-style-type: none"> • Agreement among partners, stakeholders • Establishment of organizational infrastructure • Definition and implementation of technical infrastructure
	Diagnosing and scoping the problem	<ul style="list-style-type: none"> • Generation of early ideas • Building of hypotheses about tool impacts • Identifying improvements and interventions • Defining experimental validation
	Planning of Living lab activities	<ul style="list-style-type: none"> • Development and testing actions planning
Deployment and testing	Preparing the testing and validation environment	<ul style="list-style-type: none"> • Setting up testbed environment • Development of software prototypes to be tested • Organise the experimentation process • Provide user training
	Run and validate testing / using / validation activities	<ul style="list-style-type: none"> • User-centric design, development and testing activities • Using the tools in work activities • Monitoring and observation of use of tools, design process • Providing feedback: solutions, ways of working
Learning	Specify joint learning	<ul style="list-style-type: none"> • Joint learning from experience • Learning of participants • Learning of organizations • Problem redefinition



Basic Pilot Concept – Further Activities

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Value Add of LL Cluster - Dimensions (Conceptual)

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Reusability

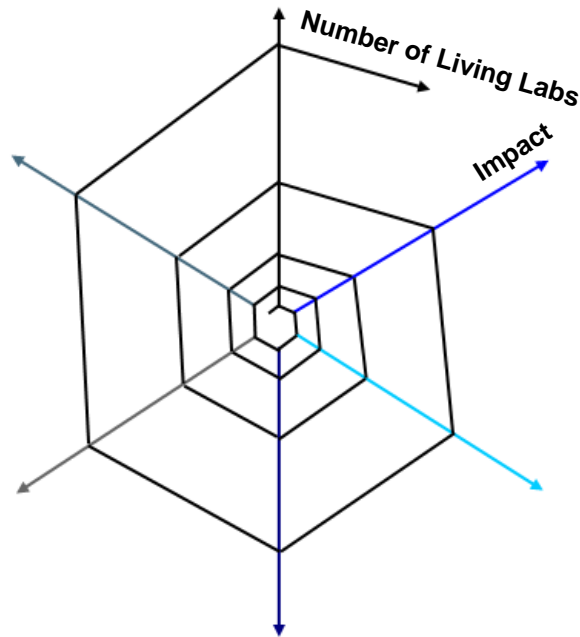
- Components
- Concepts
- Know-how
- Methodologies
- ...

Co-Innovation

- Shared ideas
- Shared resources
- Partner ecosystem
- Multilateral consultation
- Information seeking
- ...

Skills Access

- Multiple disciplines
- Contextual backgrounds, ...



Acceptance

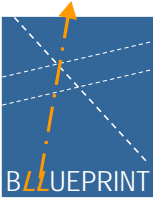
- Compliancy
- Open Standardization
- Extended User involvement, ...

End-User Drive

- Large scale experimentation
- Networked communities
- Peer testing in multiple contexts
- ...

Commercialization

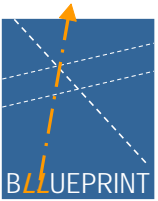
- Research result up taking
- Extended market access
- Global scale
- ...



LL Clustering Value Add – Working Hypothesis

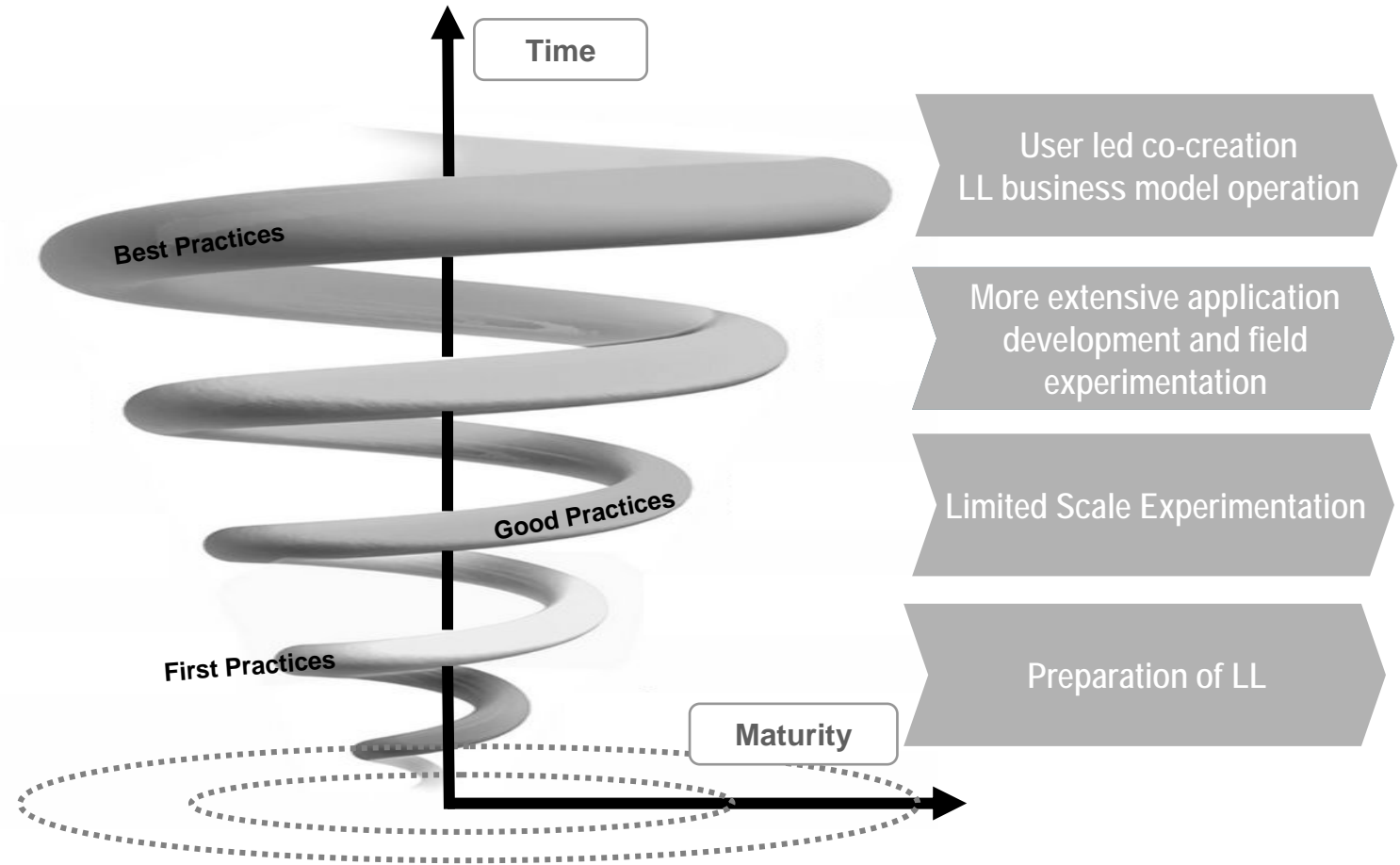
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Added Value	Reusability	Co-Innovation	Acceptance	Commercialisation	End User Drive	Skills Access
Single LL	Limited to local components, methods etc.	Specialized partnerships Local ecosystem	Local context, tailored solutions	Up taking of research results limited to local markets	Local end user community	Limited availability of local resources & skills
Cluster of LL's	Large pool of available components, methods, concepts out of different sectors and countries Efficient application development using global service repositories	Multilateral perspectives Large ecosystem of partners Efficient peer consultation leading to higher quality	Global consumer, global standards & policies Large Scale Experiments seeking higher acceptance	Immediate access to wide scope of target market Earlier commercialization of standardized products & services	Enlarged user community, large scale experimentation Up taking of relevant solutions for global market	Access to multidisciplinary skill set and experiences Higher quality of solutions & services



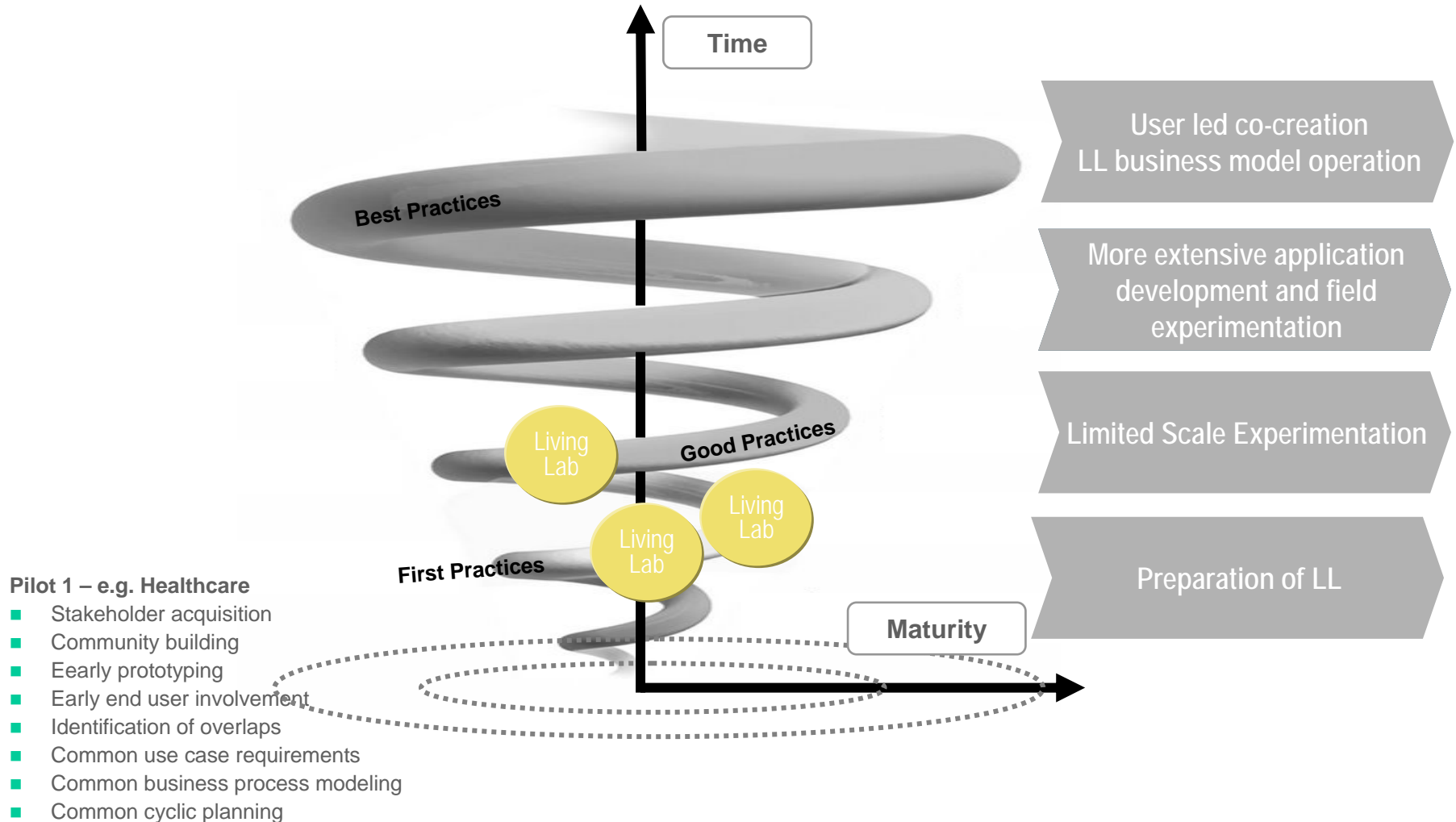
Along other dimensions i.e. sector, location, culture etc. Maturity and LL lifecycle plays a major role

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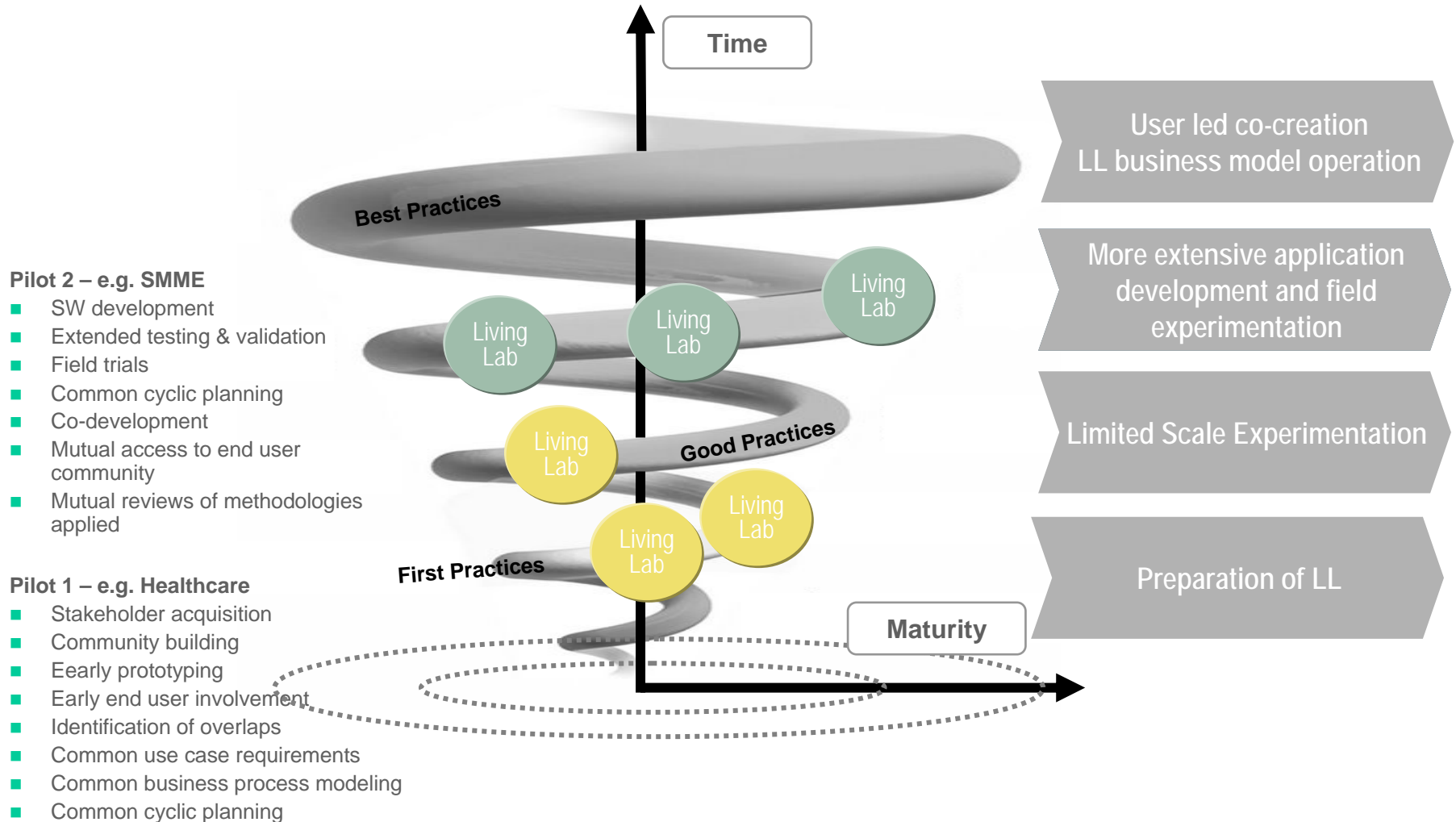
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Pilot 1 – e.g. eEnergy

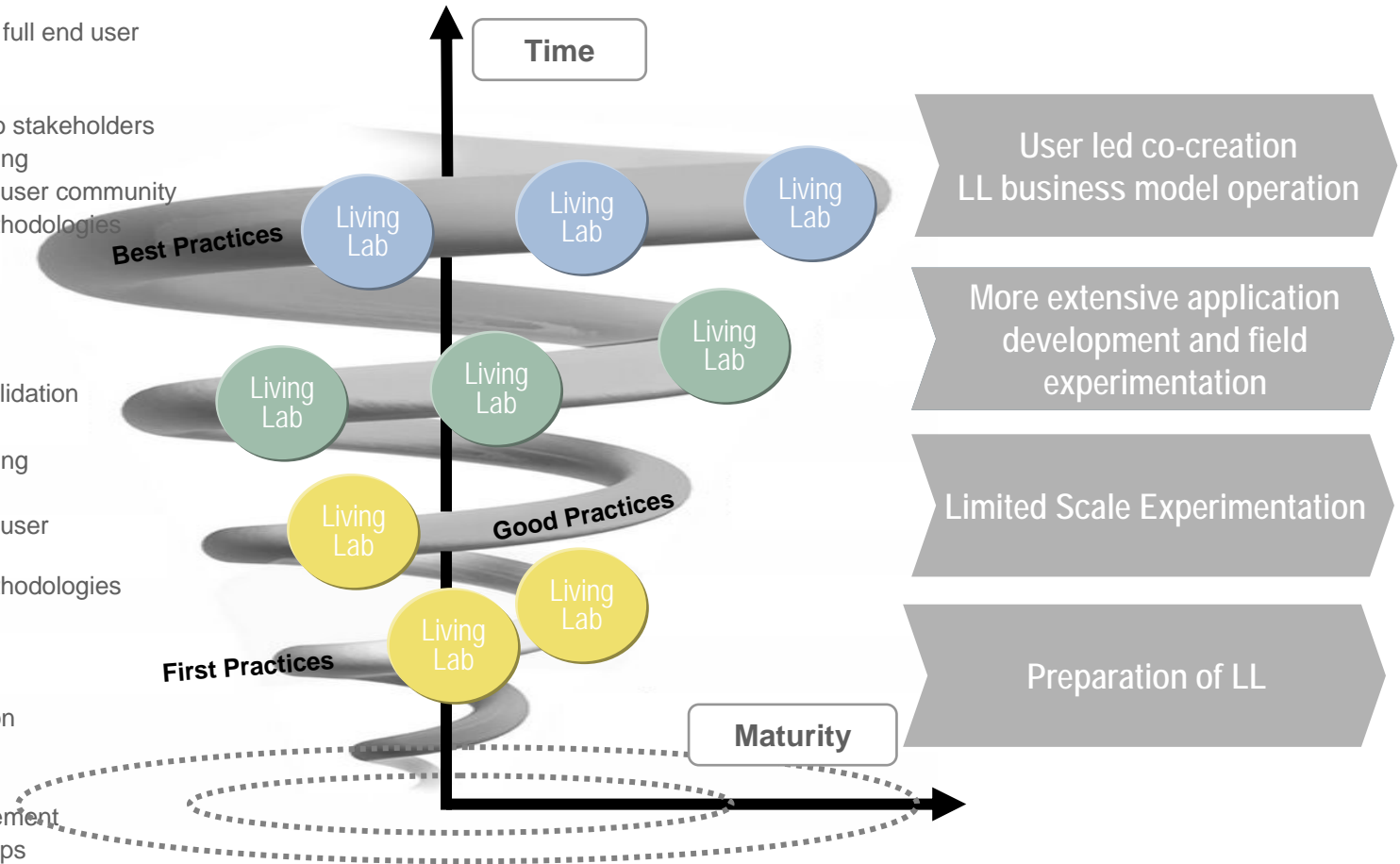
- Field trial extended to full end user experience
- Business models
- LL service provision to stakeholders
- Common cyclic planning
- Mutual access to end user community
- Mutual reviews of methodologies applied

Pilot 2 – e.g. SMME

- SW development
- Extended testing & validation
- Field trials
- Common cyclic planning
- Co-development
- Mutual access to end user community
- Mutual reviews of methodologies applied

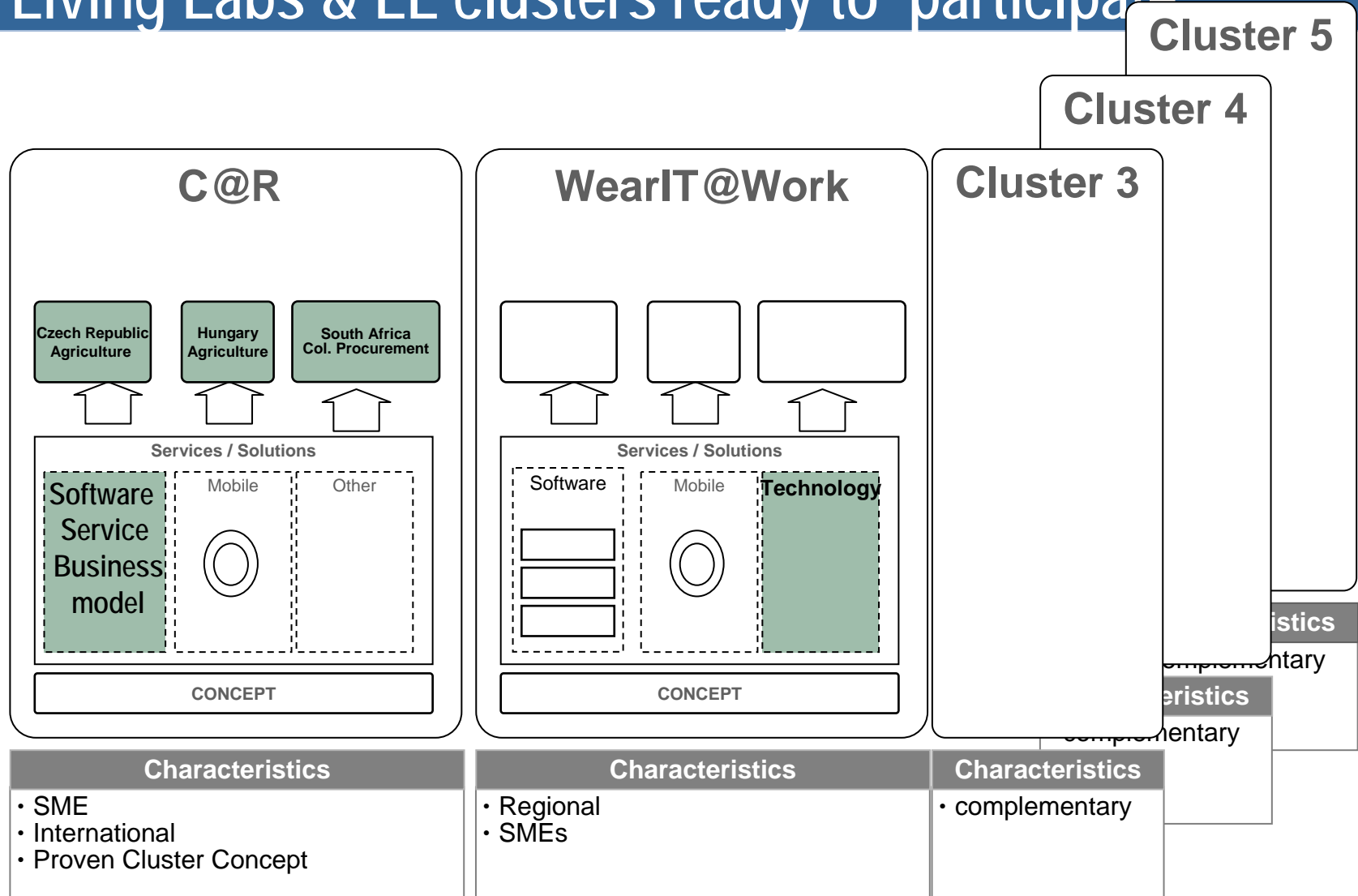
Pilot 1 – e.g. Healthcare

- Stakeholder acquisition
- Community building
- Early prototyping
- Early end user involvement
- Identification of overlaps
- Common use case requirements
- Common business process modeling
- Common cyclic planning



Living Labs & LL clusters ready to participate

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Focus of Pilot

Piloting the transferring of emerging methods for successful LL Clustering

