

**IIP-Ecosphere**

Next Level Ecosphere for  
Intelligent Industrial Production



# IIP-Ecosphere – Overview

Gefördert durch:

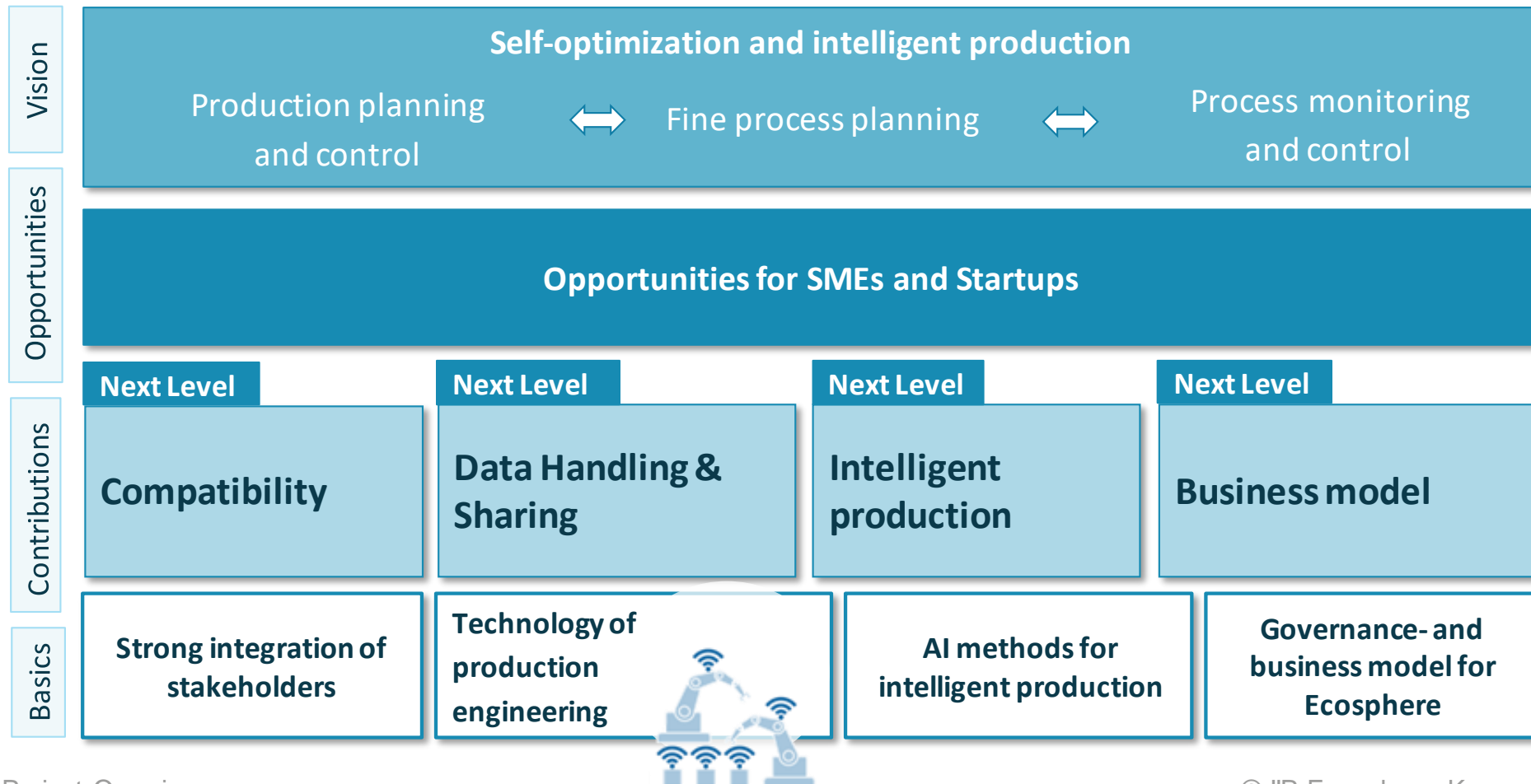


October 2020



# IIP-Ecosphere Vision

IIP-Ecposhere creates an **AI-Ecosystem** which enables a „next level“ of intelligent production





# Implementation – At a glance!

## Innovation Core

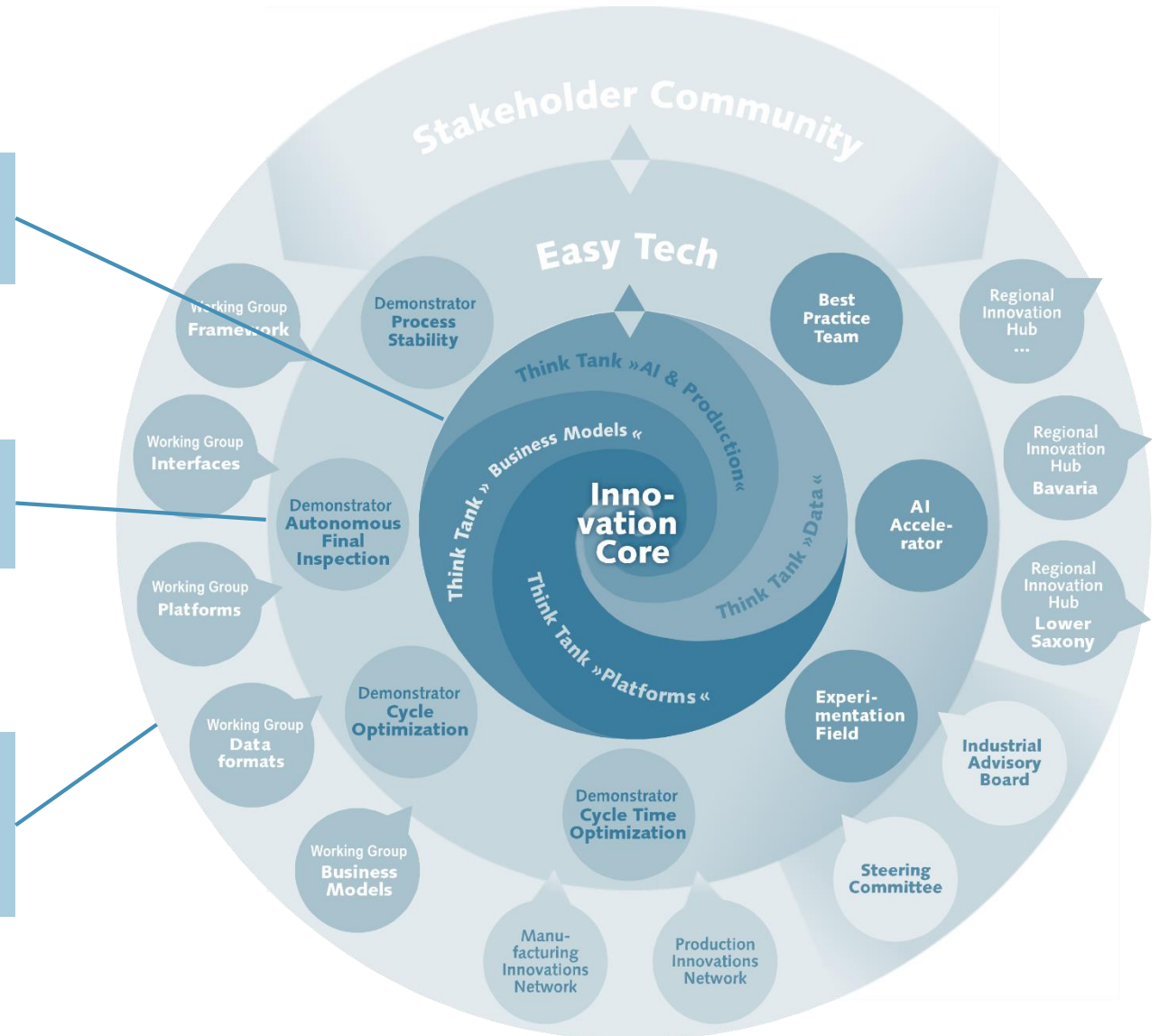
Application-driven research of AI-methods and boundary conditions

## EasyTech

Simple access to AI-technology due to demonstrators and AI-accelerator

## Stakeholder Community

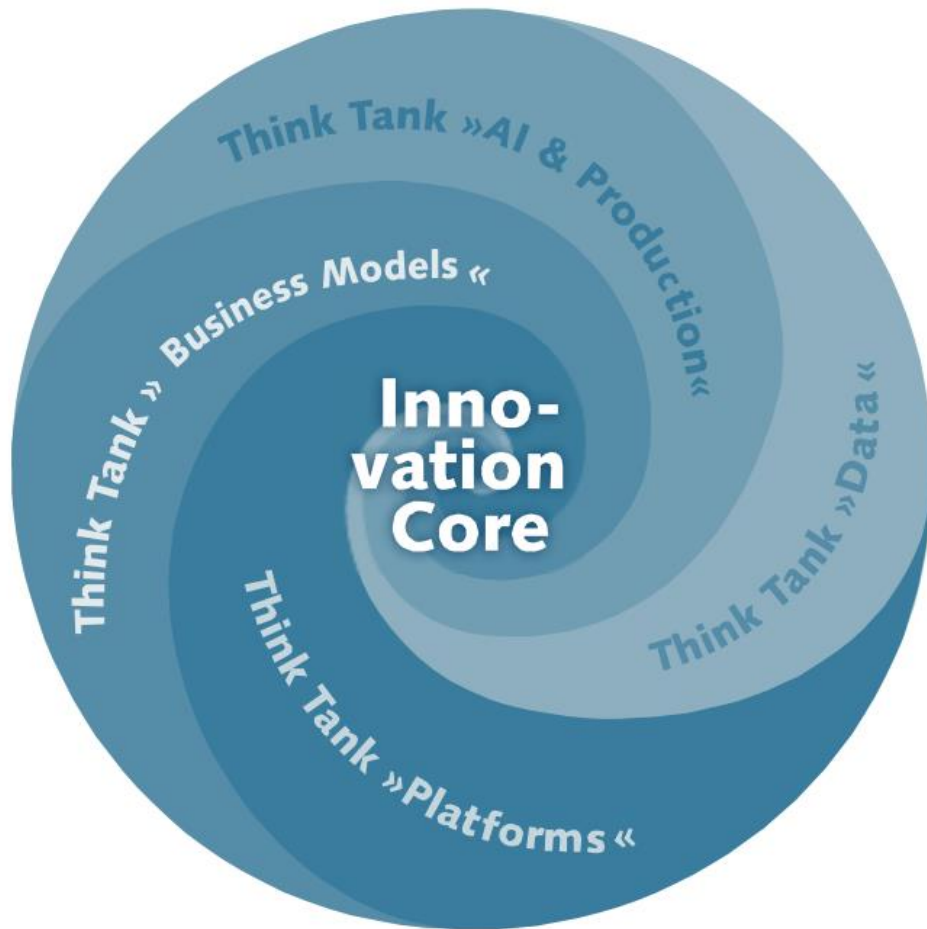
Integration of relevant stakeholder, Events, knowledge transfer, Networking





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# [Innovation Core] Think Tanks



## Interdisciplinary research at Think Tanks:

- AI & Production
- Data and data sharing
- Plattform und compatibility
- AI-Business models

## Application orientated R&D regarding:

- AI-based self optimisation in production
- Methods und boundary conditions für Data Sharing
- Safe and flexible virtual platforms
- Methods for AI business models

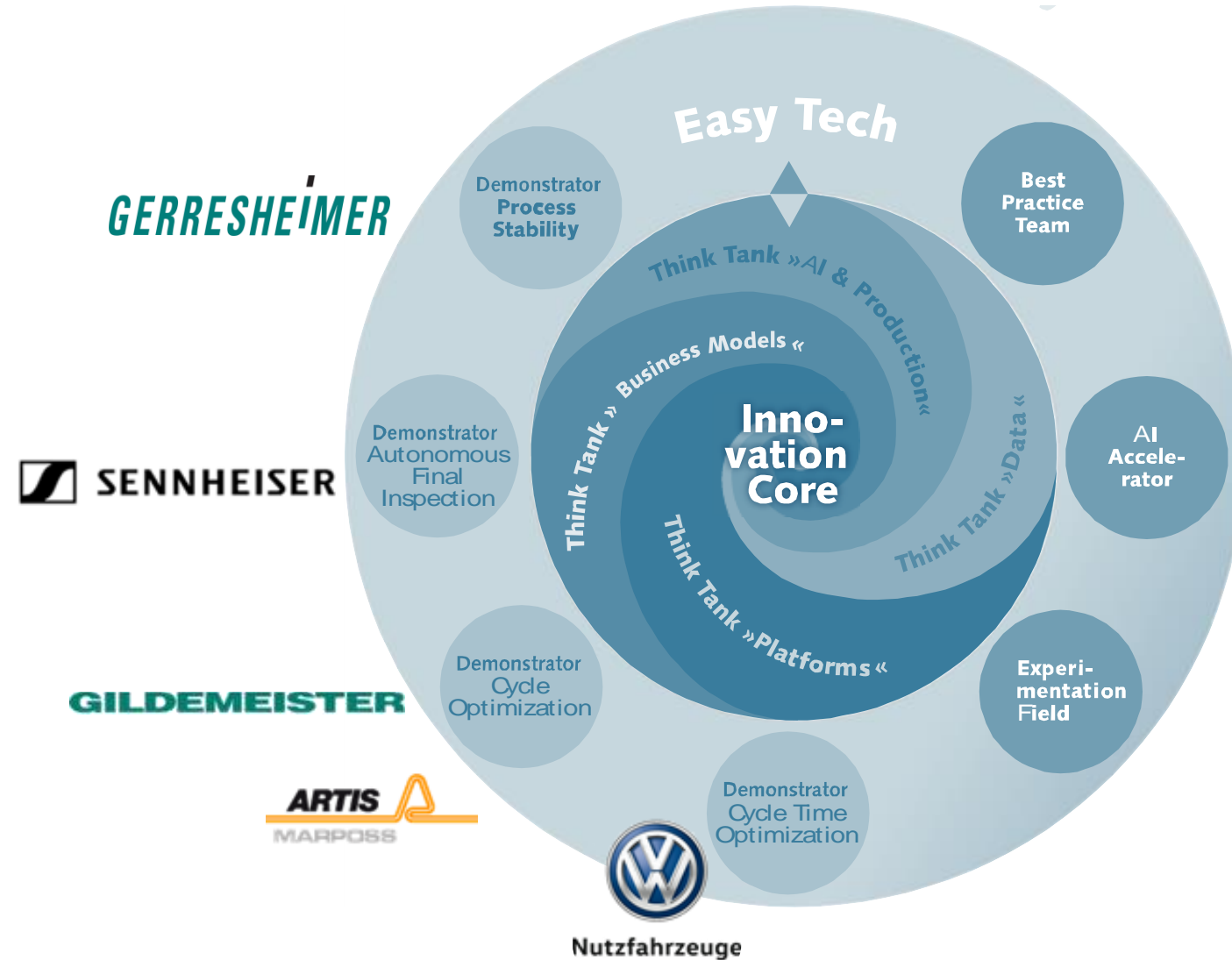




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# [Easy Tech] IIP-Demonstrators

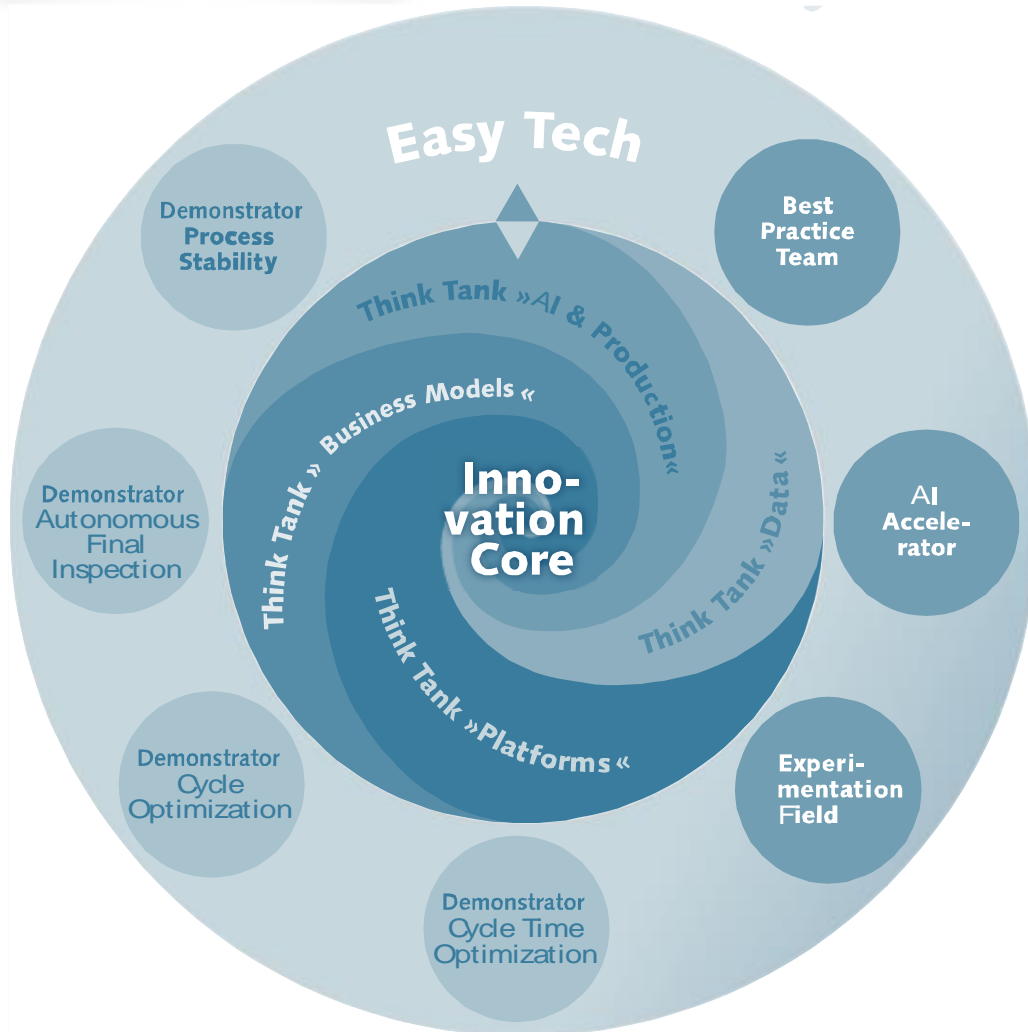
- Exemplary implementation of innovative AI-solutions in real production processes
- Participation of universities and other companies
- Blueprints for other companies
- Addition: small, dynamic demonstrators, defined in the project





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# [Easy Tech] KI-Accelerator



## KI-Accelerator

- Acceleration of AI-projects
- Step by step development of standard components
- Intensive cooperation
- Strong commitment for companies

KIPROTECT



Lenze



VDW

SIEMENS

slashwhy





# [Easy Tech] Best Practices & testing grounds



## Best Practice Team

- Collect and provide Best Practices for relevant topics
- Usage of AI in production
- Managing and collecting data
- Observe current developments and products

## Room for experiments

- Provide hardware and services for experiments with AI
- Enable explorative testing of AI-technologies (low-barrier)
- Cooperation with LNI 4.0, Hannover Messe

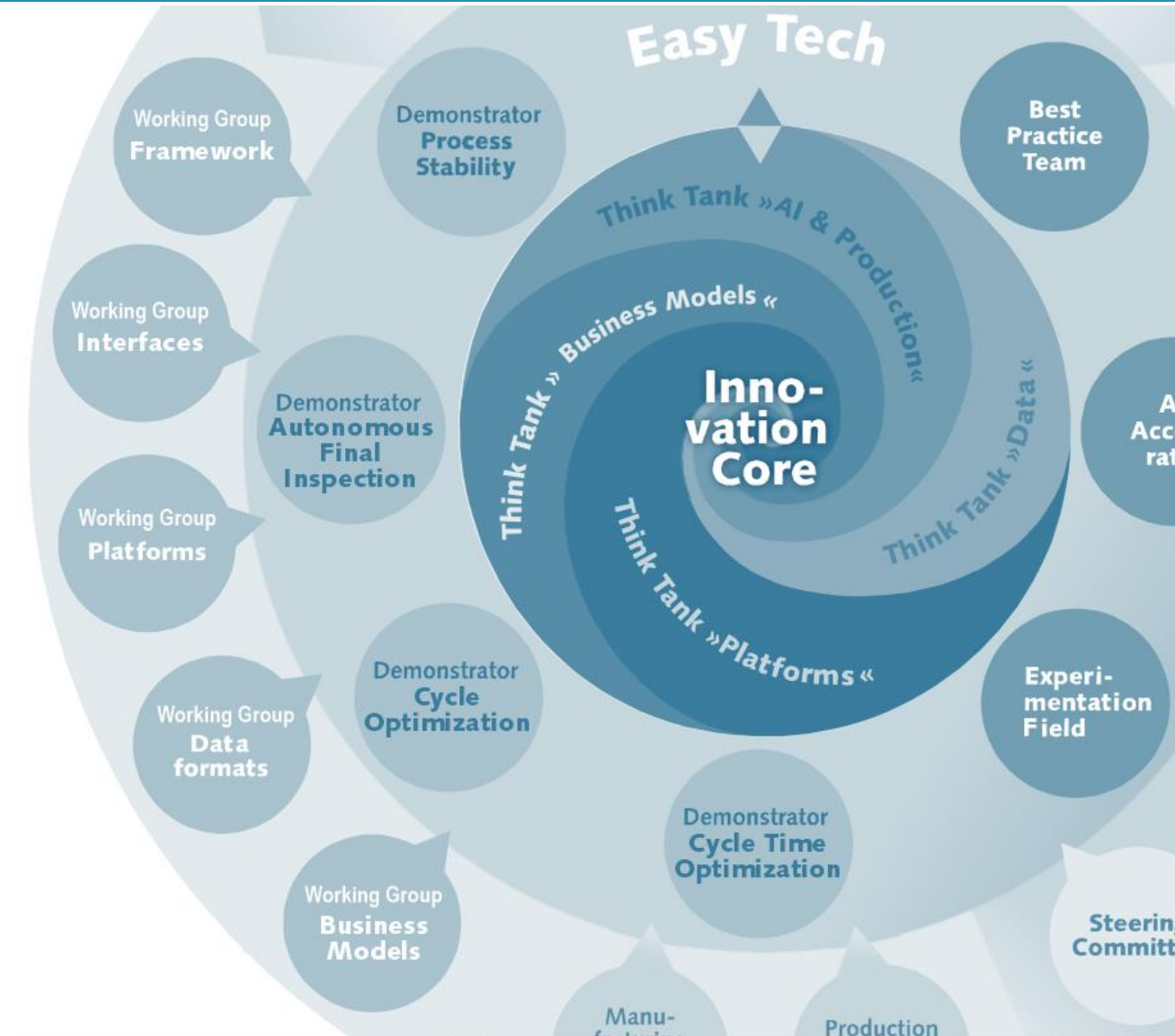


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# [Stakeholder Community] Working groups

## Working groups

- Involve more stakeholder into topics of IIP-Ecosphere
- Opportunity to become involved in relevant developments

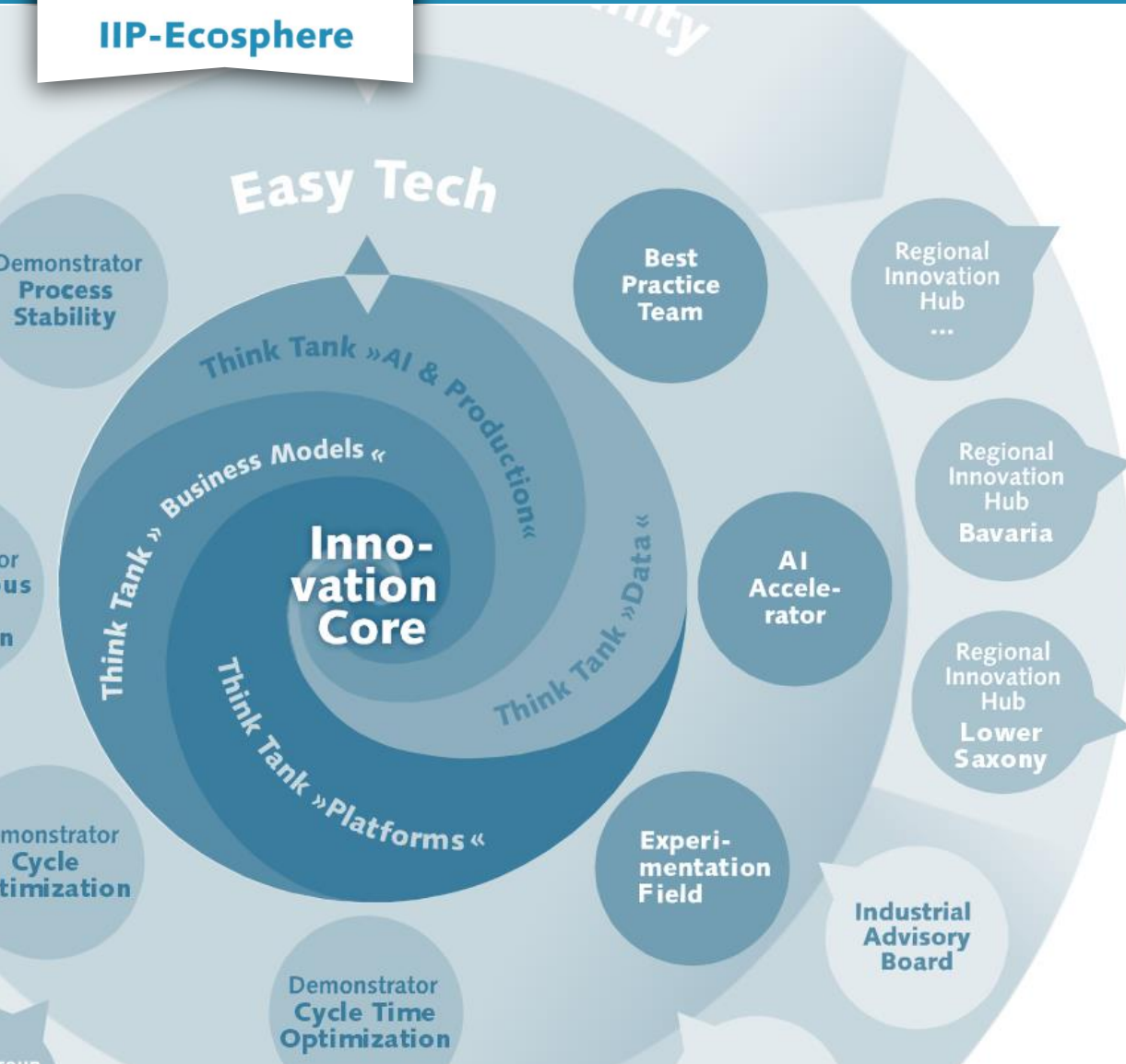






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# Regional Innovation Hubs



## Regional Innovation Hubs

- Promotion of innovation and technology transfer
- Interaction with start-ups & founders in AI subjects
- Support networking



Deutsche Messe

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Region Hannover



mit uns digital!  
Individuell. Unabhängig. Vor Ort.



Venture  
Villa



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# Contact



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