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# Innovation Platforms

-A concept and strategy for the promotion of innovation for  
socio-economic development -

from

Professor Dr.-Ing. José L. Encarnaçãõ  
TU Darmstadt  
Tel.: +49 6151 16-70875 / 70876  
Email: [jle@gris.informatik.tu-darmstadt.de](mailto:jle@gris.informatik.tu-darmstadt.de)



## Content

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- Strategy for tackling the global challenges
- Innovation and socio-economic development
- The vision
- A model for private sector participation
- Industrial Parks – Living Labs – Innovation Platforms:  
The differences
- The “four tracks” for innovation
- A deployment strategy
- Different implementation models
- Scaling from local to global
- ... More advantages!
- Summary and conclusions



## Enhancing cooperation between Africa and Europe in STI:

- **Challenges at a global scale** (energy, climate change, health, informal economies, etc.)
- Scientific **cooperation in priority areas** of common interest
- **Vehicle for economic growth**, poverty reduction and sustainable socio-economic development

## Jointly (EU-Africa) tackling of key global problems

- **Scale and complexity of problems** demand for critical mass and large investments
- Need for **effective stakeholders and private sector participation** (ppp's)
- Mobilizing **sustainable long-term financing**
- Guaranteeing **use of available knowledge and promotion of innovation systems**



- Go from local (national/regional) to global needs and solutions
  - Full use of knowledge triangle
    - higher education/training - develop **human capital**
    - research - develop **new knowledge**
    - innovation - vehicle for **economic growth and sustainable economic development**
  - Build delivery research and innovation infrastructures
    - improving **governance of science and innovation systems**
    - **promoting the use of research results** (deployment of products, services, applications and solutions; IPR management)
  - Answering the questions
    - How can **funds** from existing sources, research programmes and involved stakeholders be best **combined and/or matched?**
    - How can **research results be best exploited and disseminated** to ensure socio-economic impact and long-term financing?
- 



Proposed solution for discussion



## Innovation Platforms

- Implement and make a common **Technology Platform** available for the execution of funded R&D projects,
- to be used as a **collaborative environment with a maximum impact** (trust and understanding, monitoring and evaluation, mutual learning), and
- **offering enabling conditions**
  - Relevant research and innovation with stakeholder and private sector participation,
  - Interested in cooperation,
  - Sharing investment costs and
  - Building on past cooperation



## Innovation Platforms

- are sometimes also called **Innovation Parks, Innovation Clusters, Commercialisation Parks, “Lighthouse” Innovation Clusters, etc.**
- Definition: **Where ideas and R&D results are transformed into commercial opportunities;**
- They connect and enable active collaboration between the stakeholders of science, business, government, academic and finance to **accelerate the innovation process and amplify the economic and social impact of important new ideas and discoveries from R&D programs and/or from Living Labs.** An important focus is on **supporting the commercialisation** of research results based on private sector participation, involvement and management (ppp’s).
- **Innovation Platforms** are **NOT** a real estate program or a real estate related infrastructure.



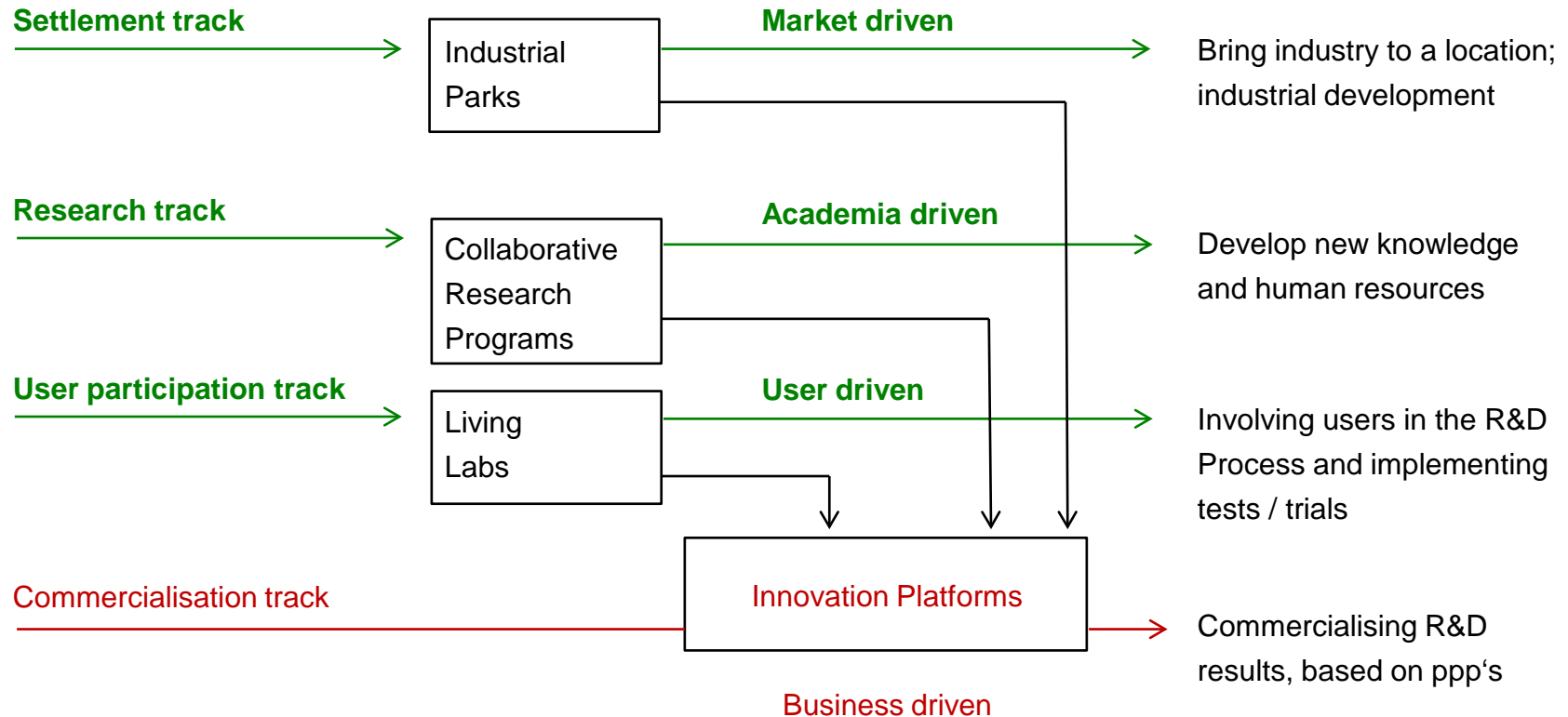
- Innovation Platforms ARE NOT Industrial Parks and ALSO NOT Living Labs!
- Innovation Parks are a model and possible instrument for Collaborative Research Programs in EU-Africa STI cooperation and a platform for
  - Research for Innovation, and for
  - Exploitation of Innovation (Deployment)
- Implemented using a two-layer concept based on: Technology Platforms and dedicated ppp-legal entities (a cluster bringing industry, research institutions and other relevant stakeholders, including end-users, to foster and support innovative R&D activities at a global scale for key global problems)

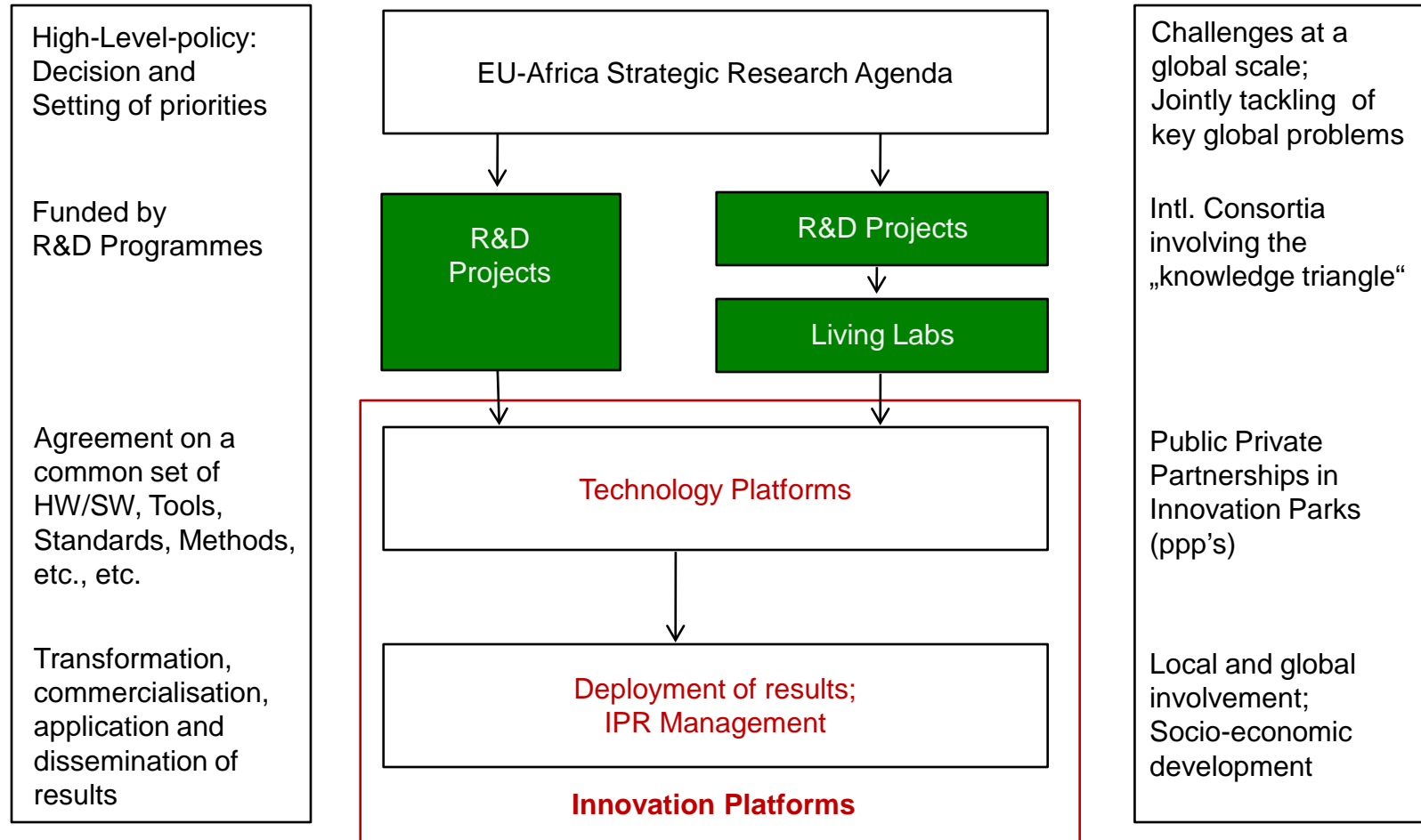


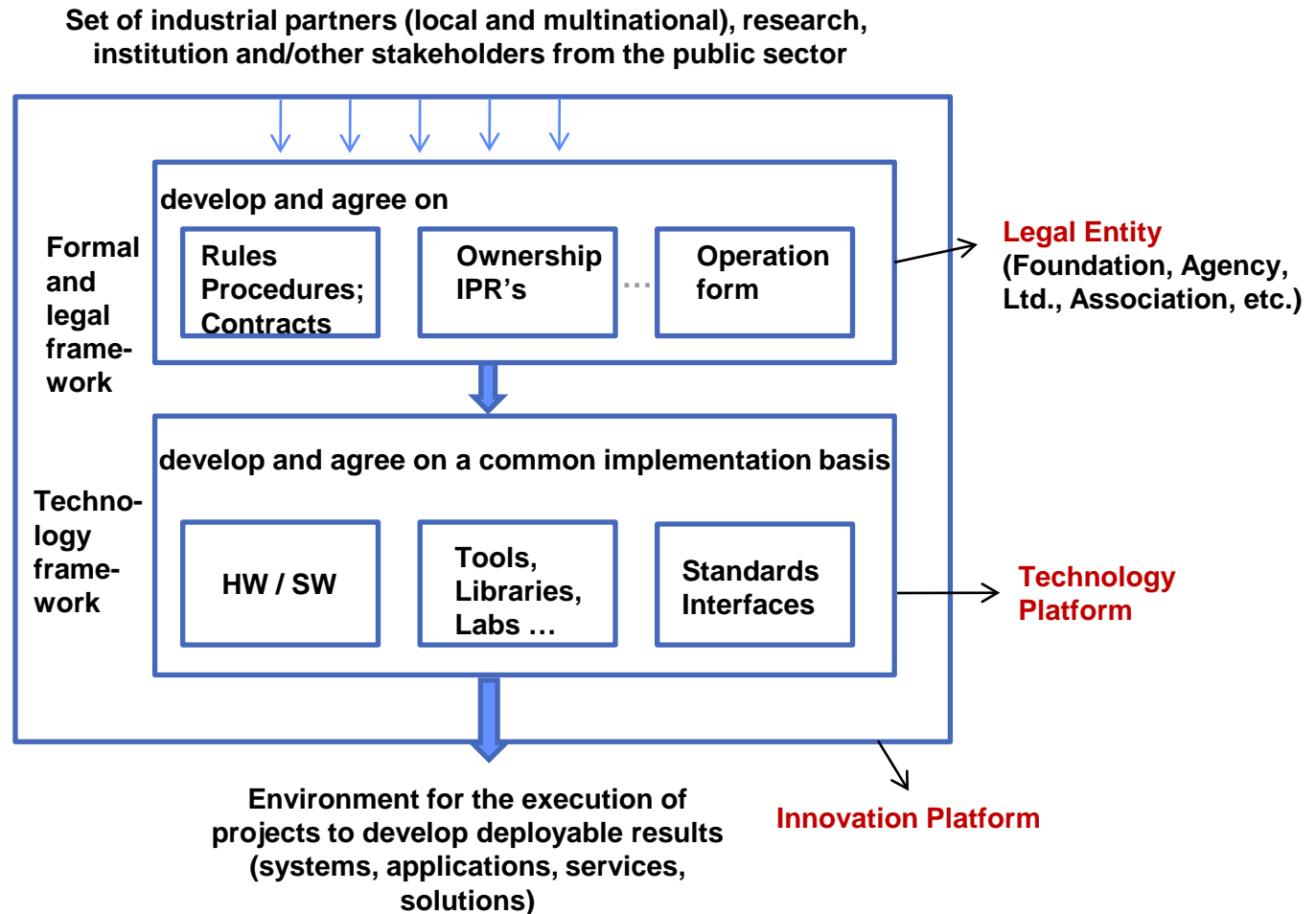
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- **Industrial Parks** - Incentives and Infrastructures to promote **settlement of industry** in a region location
  - **Living Labs** - **User participation and user involvement** in the early stages of the R&D
  - **Innovation Platforms** - **Private sector participation**, involvement and management **to promote deployment and commercialisation** of R&D results
  - **Innovation Villages** - **Innovation infrastructure**, taking a **strong local context** into consideration and involving a mix of public, private sector and industrial participation



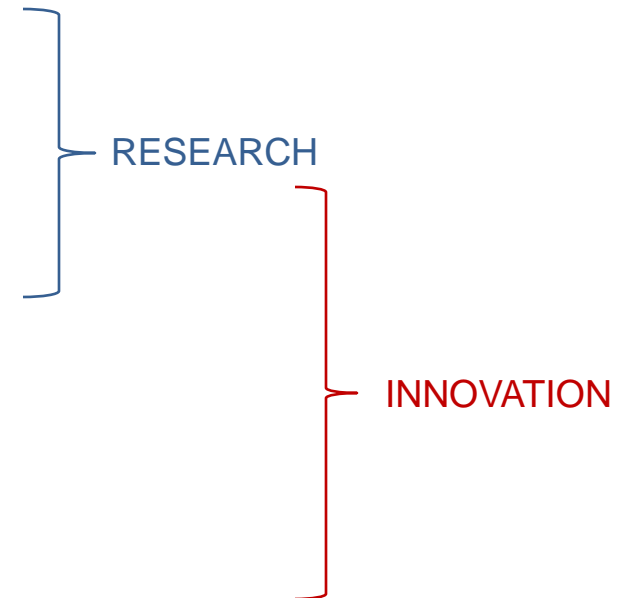








- Collaborative Research based on funded projects with their own consortia
- Collaborative Research in Living Labs for user participation and involvement
- Collaborative Research in Innovation Platforms with private sector and stakeholder participation (ppp's) using a common Technology Platform



**Evolution  
Process of  
Collaborative  
Research**

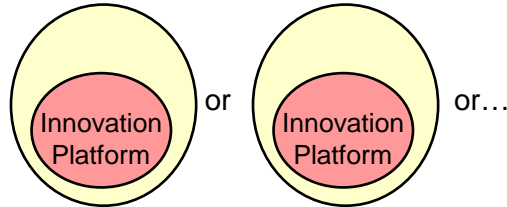


- A Strategy for the deployment and scaling of the R&D project results for key global problems (products, services, application and/or solutions) to the regions using the **Innovation Platforms as regional hubs for transformation, commercialisation and application of the results** for economic growth, poverty reduction and socio-economic development in the region

- **Methodologies:**
  - Research Methodology** Projects and Living Labs
  - Deployment Methodology** Pilots and trials in Innovation Platforms (ppp's)
  - “Local to Global” Methodology** Network of Innovation Platforms (cross platforms; cross national)



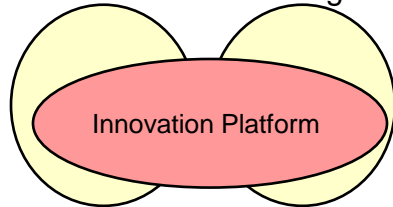
Industrial Park or Innovation Village



- **Centralized Approach**

- implemented in **one campus in one location** (for example: Industrial Park, Innovation Village, etc.) as one joint legal entity (ppp)

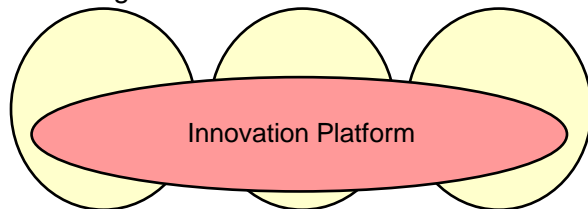
Industrial Park or Innovation Village or...



- **Decentralized and Homogenous Approach**

- implemented as a **“cluster” of partners with one joint legal entity (ppp)** (Sometimes also called **“Innovation Clusters”**), **distributed** in its **operation** over several locations for example (Industrial Parks or Living Labs or Universities or Innovation Villages etc.)

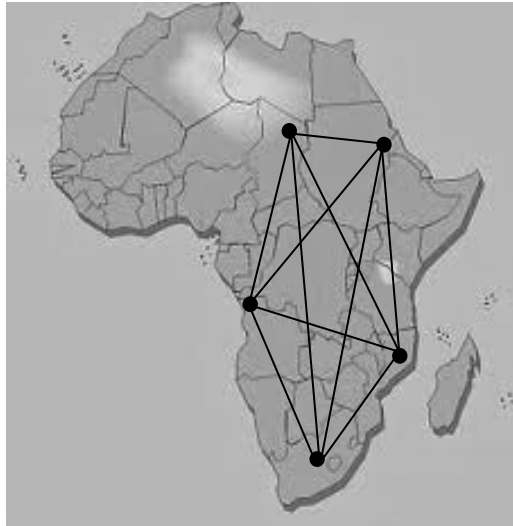
Innovation Village or Living Lab or Universities Research Labs



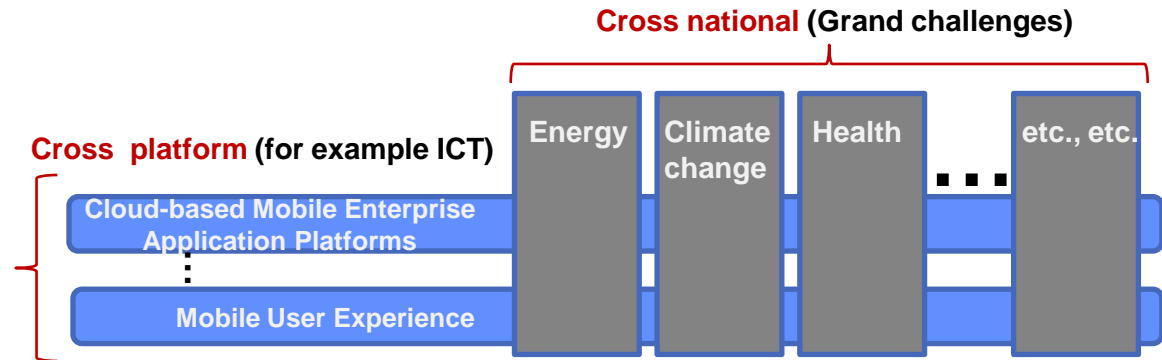
- **Decentralized and Heterogeneous Approach**

- implemented as a **“cluster” of partners with one joint legal entity (ppp)** (Sometimes also called **“Commercialisation Cluster”**) distributed in its operation over different locations with different characteristics (for example Industrial Parks, Living Labs, Universities, Research Lab, Innovation Villages, etc.)





**Network of Innovation Platforms**  
 (“Local to Global” Methodology) for  
 the EU-Africa-Cooperation  
 on STI



<b>Cross Platform</b>	<b>Cross National</b>
Mobile User Experience Service Oriented Computing SW Platforms for Microentr. etc., etc., etc.	Energy Climate Change Health etc., etc., etc.
<b>Enabling Technologies</b>	<b>Key global problems</b>

Alignment between **Technology & Socio-Economic** Dimensions



- Allow for “several speeds” of innovation and development  
(Innovation Platforms and Networks of Innovation Platforms do not need to always have the same speed in Innovation and Development);
- Support the development and training of “managers” specialised in Innovation and in Deployment
- Promote and support the IPR-management and IPR-commercialisation
- Promote, support and protect efficient use of research and innovation funds



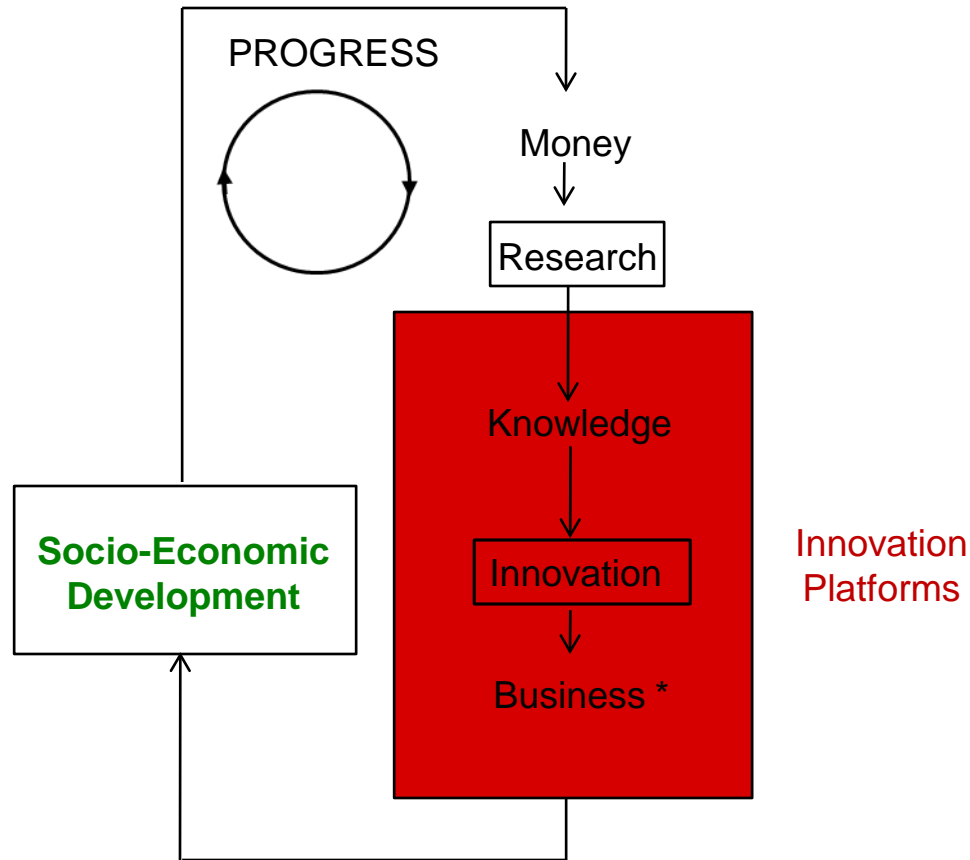


## Summary

- Innovation for **socio-economic development**
- Needs a model for **private sector participation (ppp's)**
- Complementary to the other **“tracks for innovation”**
- Emphasis on **deployment and commercialisation strategy**
- Allowing a **scaling from local to global**
- Allowing **different “speeds” of development**
- Training **“Innovation and deployment managers”**

... This is the vision of the **“Innovation Platforms”**





\*) ... developed from deployed results and IPR's



**Thank you  
for  
your kind attention**

**Prof. Dr.-Ing. José L. Encarnação**

Tel.: +49 (6151) 16-70875

Email: [jle@gris.informatik.tu-darmstadt.de](mailto:jle@gris.informatik.tu-darmstadt.de)

<http://www.gris.informatik.tu-darmstadt.de/home/members/encarnacao/index.de.htm>

