

Introduction

General research idea context

- Lab to market transition
- Crossing the valley of death: different business models of companies
- Various stakeholder participation during the technology transfer

Phosphorus recycling context

- Available recycling technologies
- Commercial exploitation is mostly not done
- Assessing the barriers and possibilities to overcome the valley of death

Objectives and Methodology

1. To analyse available support models in the present literature
2. To select and propose a suitable working model
3. To assess the market demand and supply

Main reference models used

Entrepreneurship Model

- + Screening of scientific ideas
- + Potential strategies and business models
- + Rapid market transitions

-Doesn't mention the valley of death

Cyclic Innovation Model

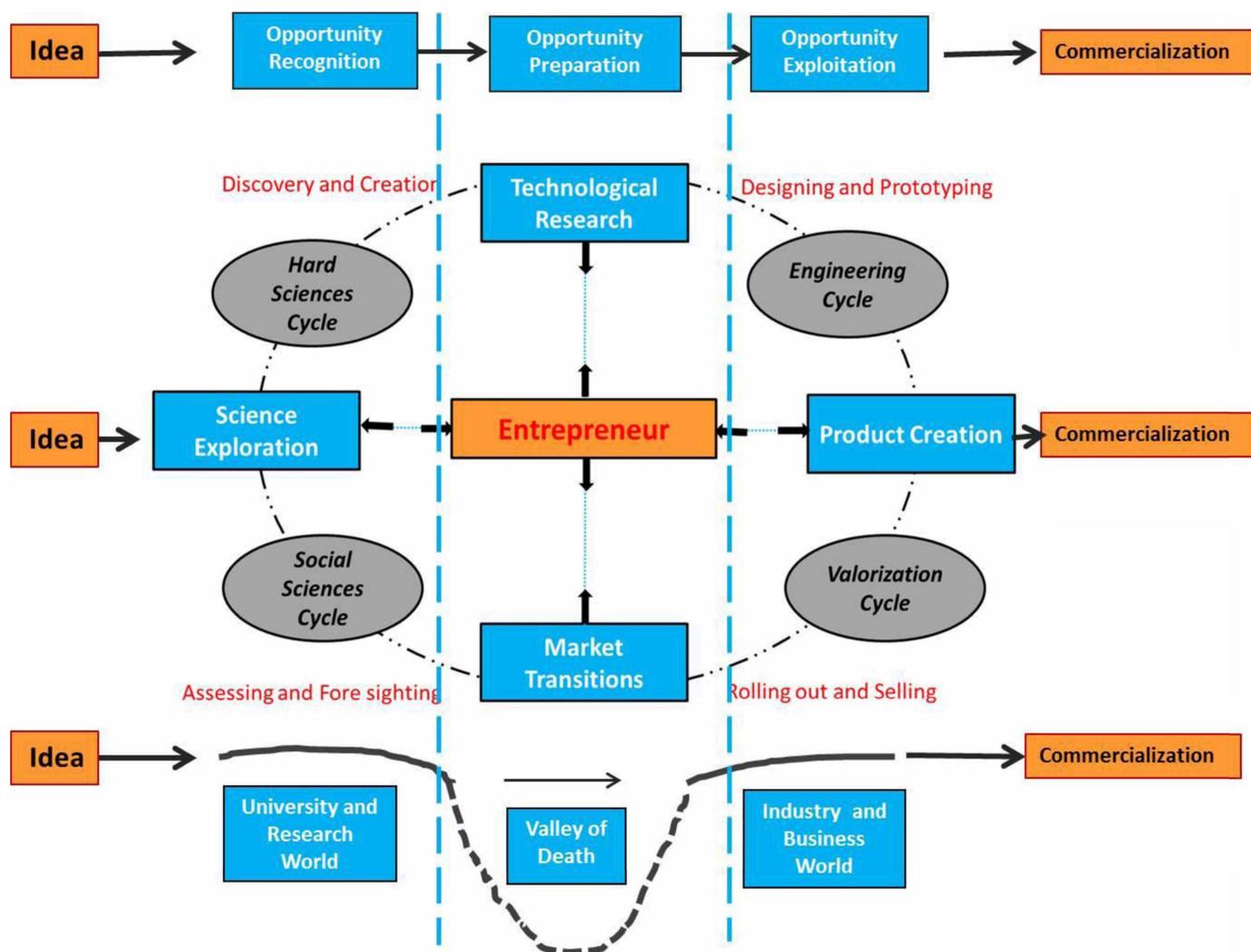
- + Market transitions are important
- + Interaction between four different cycles

- Role of entrepreneur is not correct

Science to Business (S2B Model)

Technology transfer process cant be linear, but a cyclic process

“Valley of death” is found mainly in the opportunity preparation step



Entrepreneur plays an important role, but is mostly understudied

The interaction between four cycles is complex, but vital for an innovation process

Future Work

Future Work

1. Identify the various stakeholders involvement with respect to to the P recycling processes
2. Recognize the primary barriers to commercialization of P recycling technologies
3. Try to see how the entire process of P recycling unfolds with respect to the primary barriers

References

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