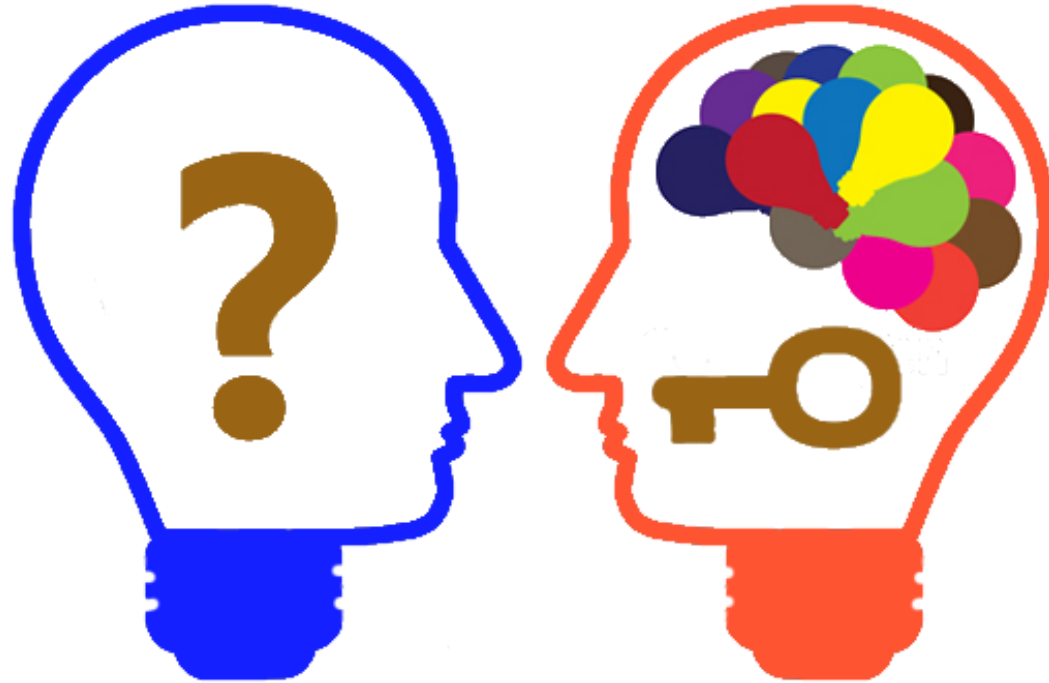


Crowd dynamics and anomaly detection

Innovation from concrete challenges



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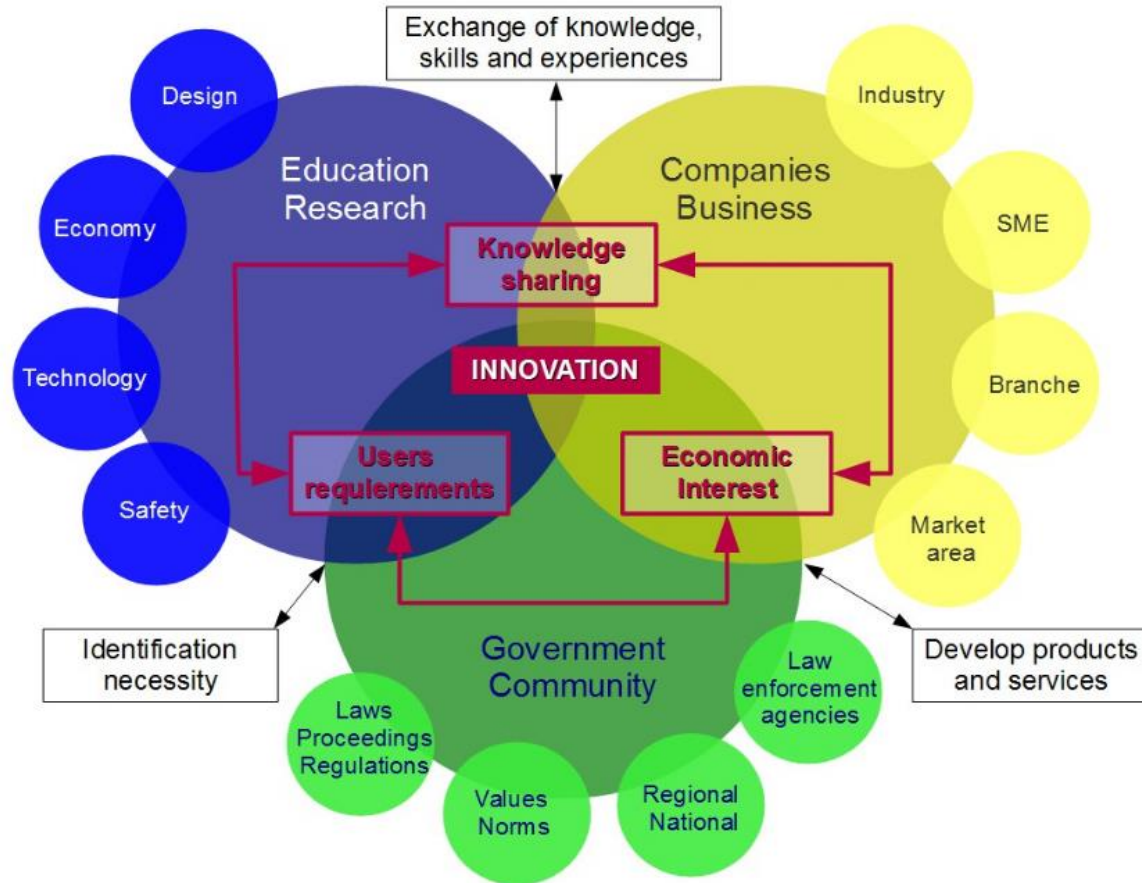
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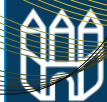
Crowd dynamics and anomaly detection

Multiple Helix



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Crowd dynamics and anomaly detection

Case 1



A possible collision issue at Paleisring on pink Monday!



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Case 1



Caused by a new building the city of Tilburg was afraid that people get into trouble.

Steps:

1. Ask support of companies and knowledge institutes
2. Articulate the question
3. Brainstorm for solutions
4. Analyse and decide
5. Action



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Case 1



The Fastlane

Alternative way for people to get from A to B

- Make the emergency route attractive
 - With nice girls
 - With LED boards
- Count people and take action when needed

Lessons learned

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Case 2



Reduce night
violence on
Korte Heuvel



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Case 2



The city of Tilburg wants to reduce night violence on Korte Heuvel

Steps:

1. Can we use the fieldlab in Eindhoven Stratumseind
2. Start with measuring to articulate the issues
3. Install a fieldlab



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Case 2



Sorama

visualising sound and vibrations

Living Lab Stratumseind

Field Test 16 November 2015 Eindhoven

Fieldlab

Korte Heuvel

- Technology
 - Sound camera's
 - People counting
- Social innovation
 - Movies against wall
 - Cooperation with pubs

Lessons learned



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