

Flexfiber – Un projet sans partenaire d’implémentation

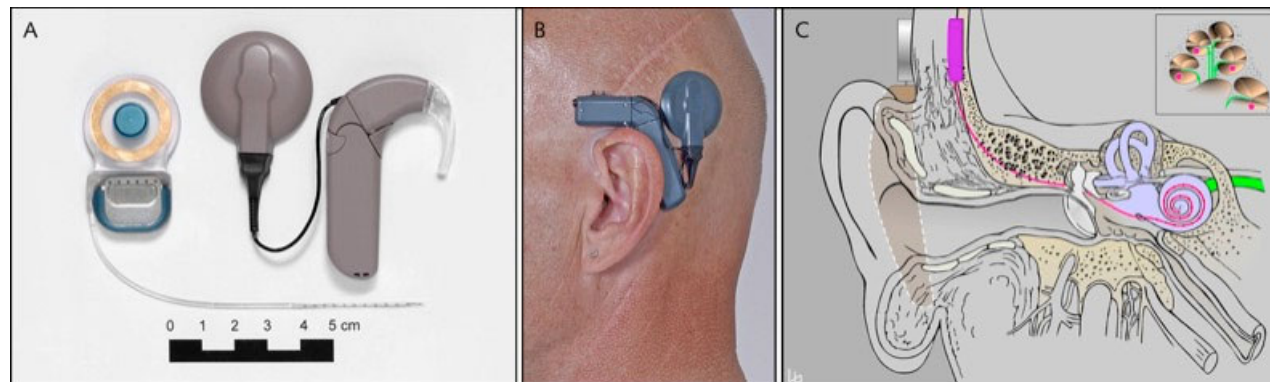
Séance d’information sur Innosuisse – 11.11.2019

Lausanne - M. Llera

Flexfiber ?



Flexfiber ? – The NANOCI project



The NANOCI Project is funded under the 7th Framework Programme of the European Union.

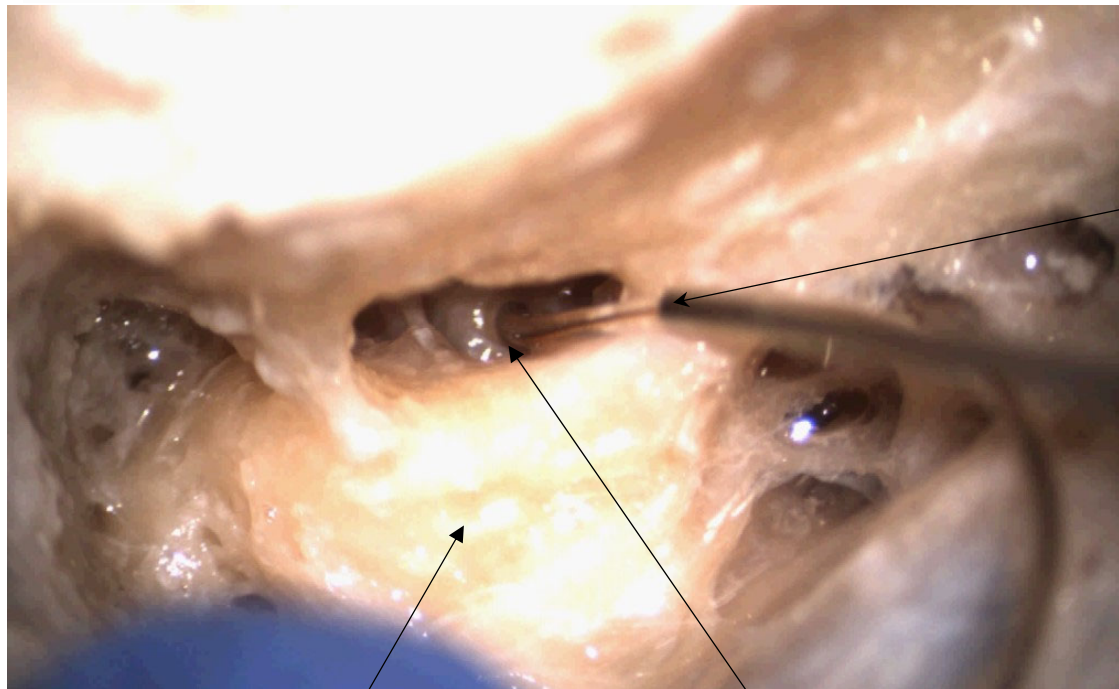


2012 - 2015

It is generally acknowledged that **eliminating the gap between neurons and the electrode array** and hence increasing the number of active channels **should greatly improve the effectiveness of auditory nerve stimulation**. The NANOCI project therefore aimed to attract the peripheral processes of the auditory nerve towards the electrode array.



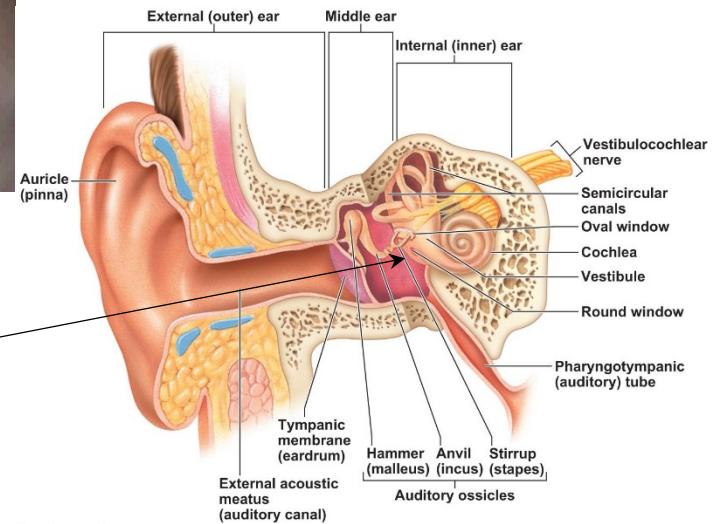
Flexfiber ? – Clinical trials



Fiber sensor insertion
 into the cochlea and
 monitoring of phase
 variations

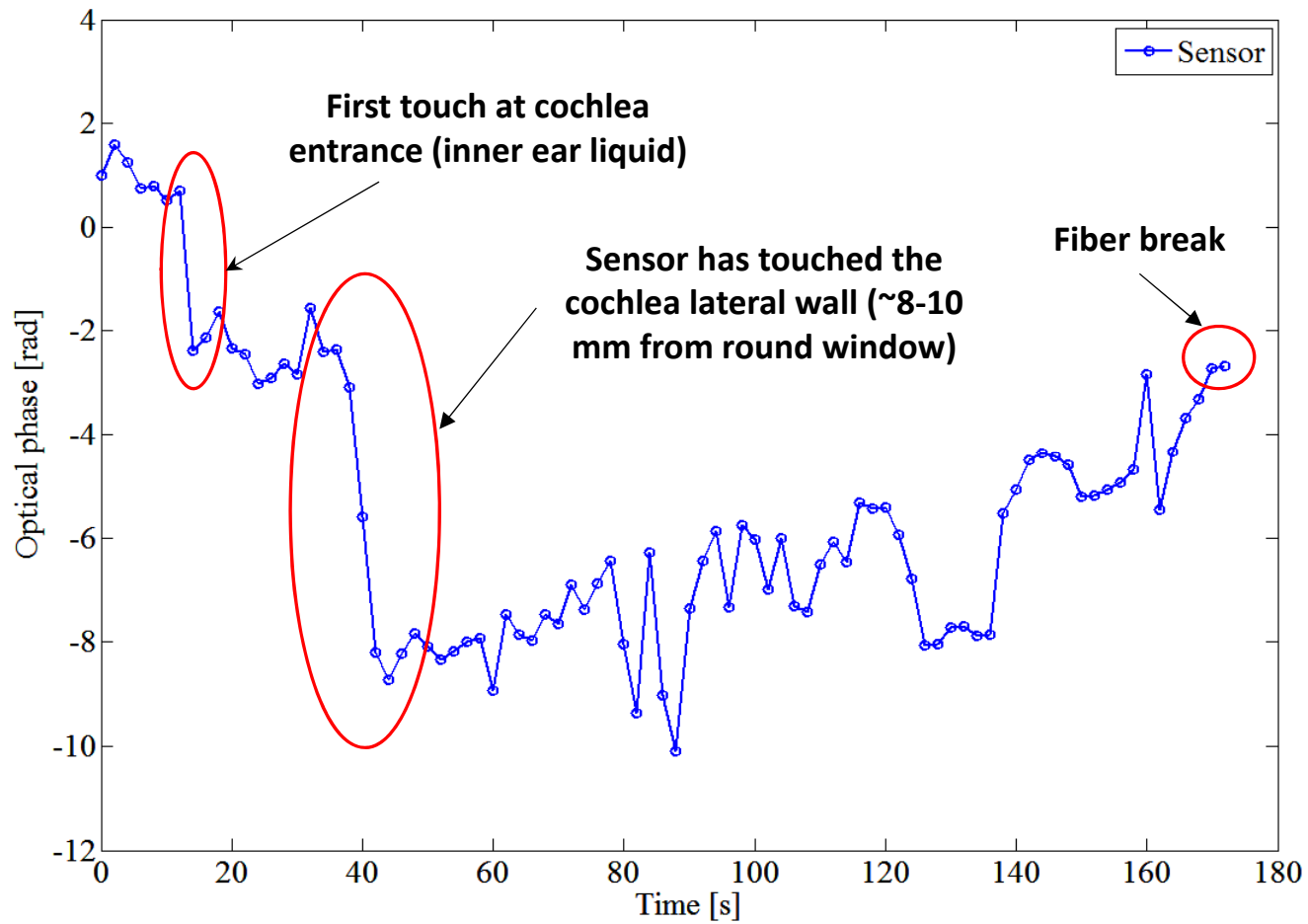
Human temporal bone
 specimen

Round window





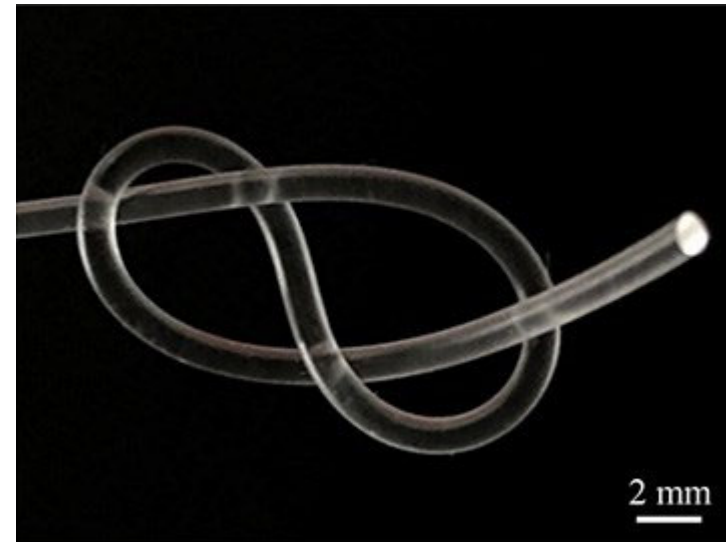
Flexfiber ? – Clinical trials



Flexfiber ? – A highly flexible optical fiber...



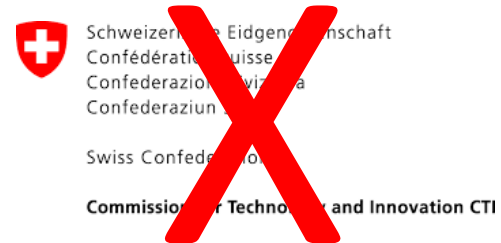
Glass optical fiber
breaks



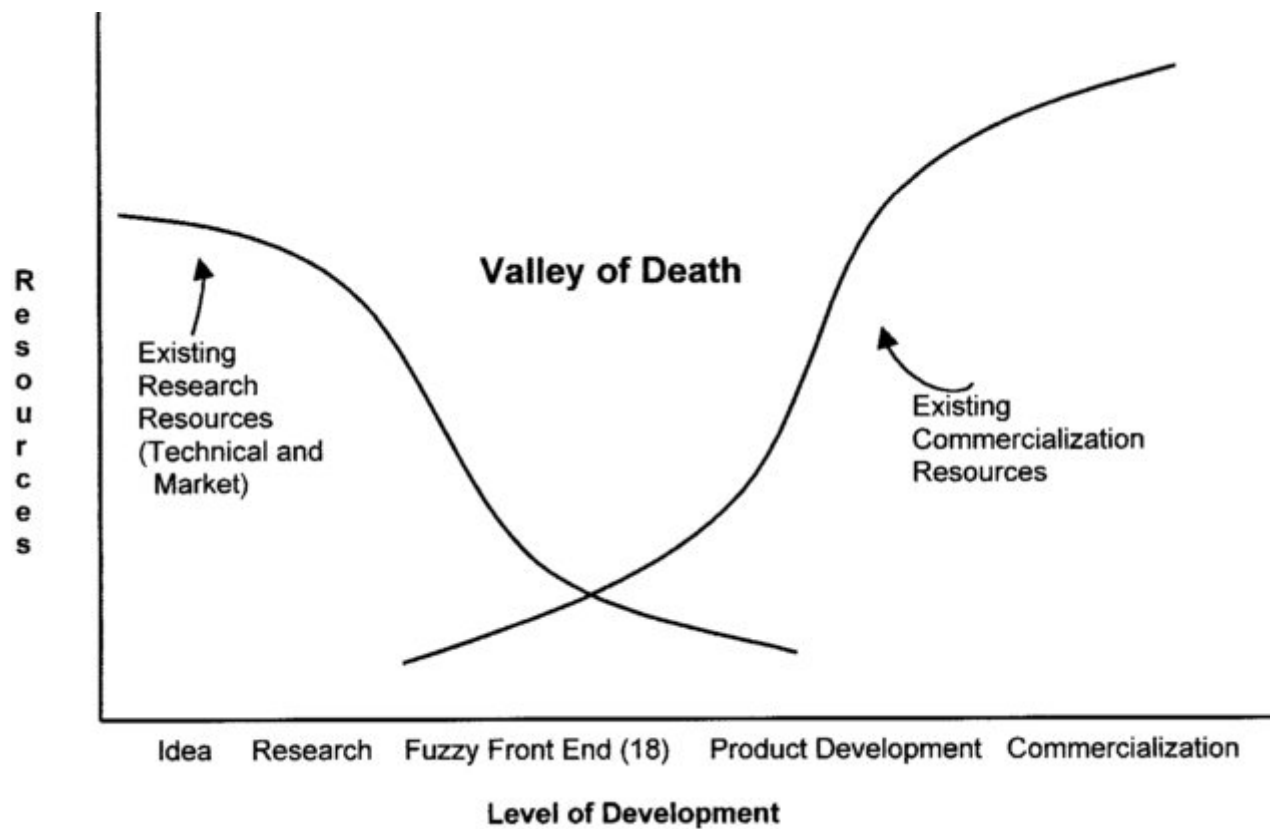
Elastomer based
optical fiber
How to do it ?
How to fund it ?

The road to Flexfiber...

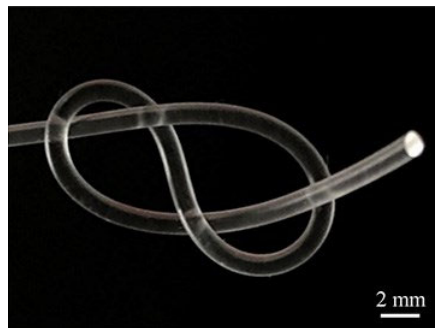
The road to Flexfiber – The funding problem



The road to Flexfiber – The valley of death



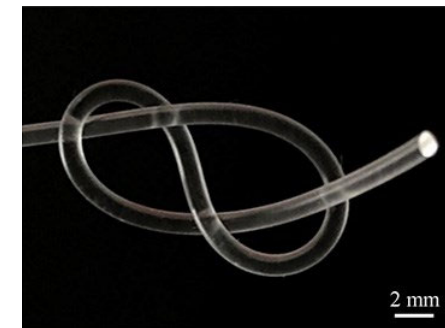
The road to Flexfiber – The students...



Elastomer based
optical fiber
How to do it ?
How to fund it ?

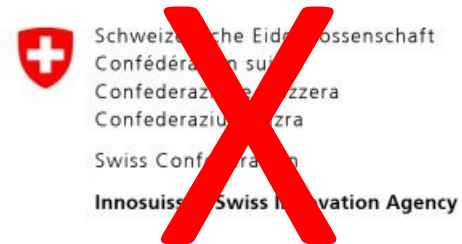


Student project +
additional work



Elastomer based
optical fiber
How to ~~do~~ it ?
How to fund it ?

The road to Flexfiber – The funding problem



The road to Flexfiber – Innosuisse, why not ?

Chance meeting (2018) with
Reinhard Voelkel, Innosuisse
expert

- Reinhard : At HE-Arc, you
must do projects without
implementation partners !

- Me : Yes, of course ! But
how do they work ?



1. A company has a good reason to not participate on the project but will implement the results achieved in the project
2. Or a start-up creation is envisaged after the project
3. Or any other solution that can show that job creation in Switzerland is foreseen !

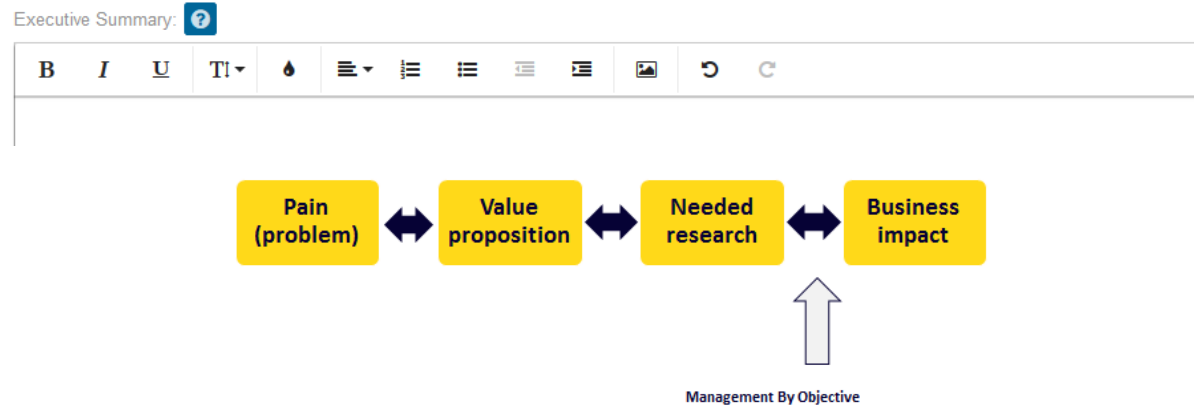
The road to Flexfiber – Meeting with an Innosuisse Mentor

Meeting (2019) with Robert
Van Kommer, Innosuisse
mentor



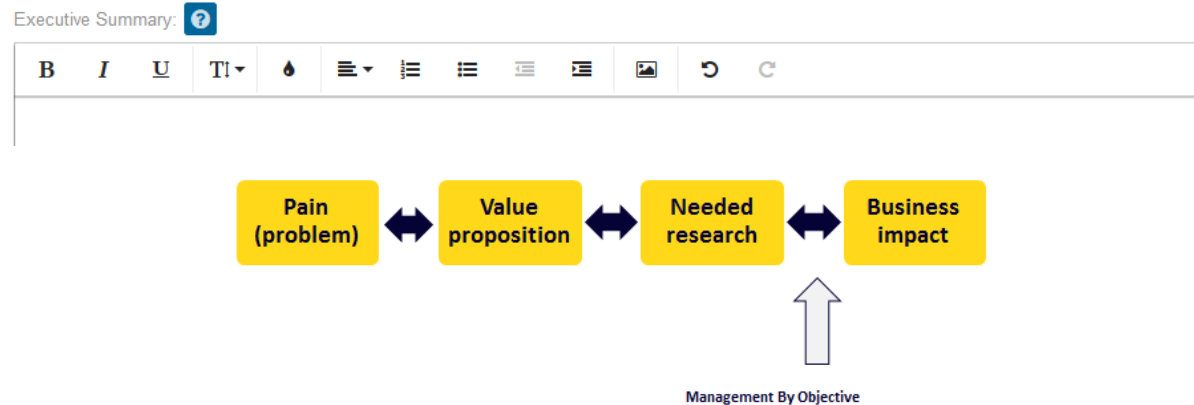
- What is really a project without implementation partner ?
- How to write the business part of the proposal ?
- What else do I need to know ?

The road to Flexfiber – A normal Innosuisse project



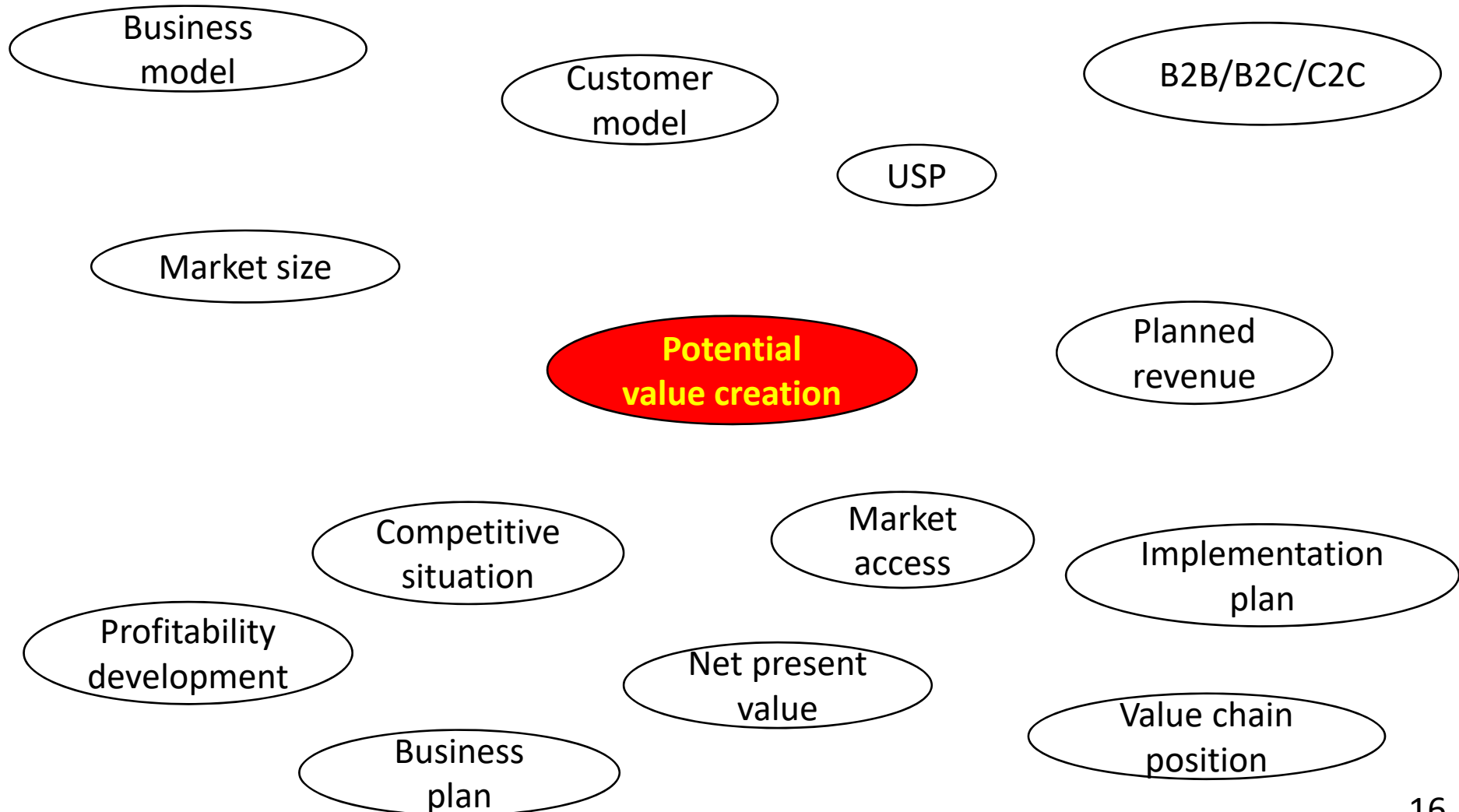
- Describe the novelty of technology
- Describe the state of science
- Describe the quantifiable goals
- Describe the already performed work
- How the selected partners fit well
- Intellectual property rights
- Describe the business targets
- Describe the potential customers
- Does the project have a particular energy relevance ?

The road to Flexfiber – Without implementation partner

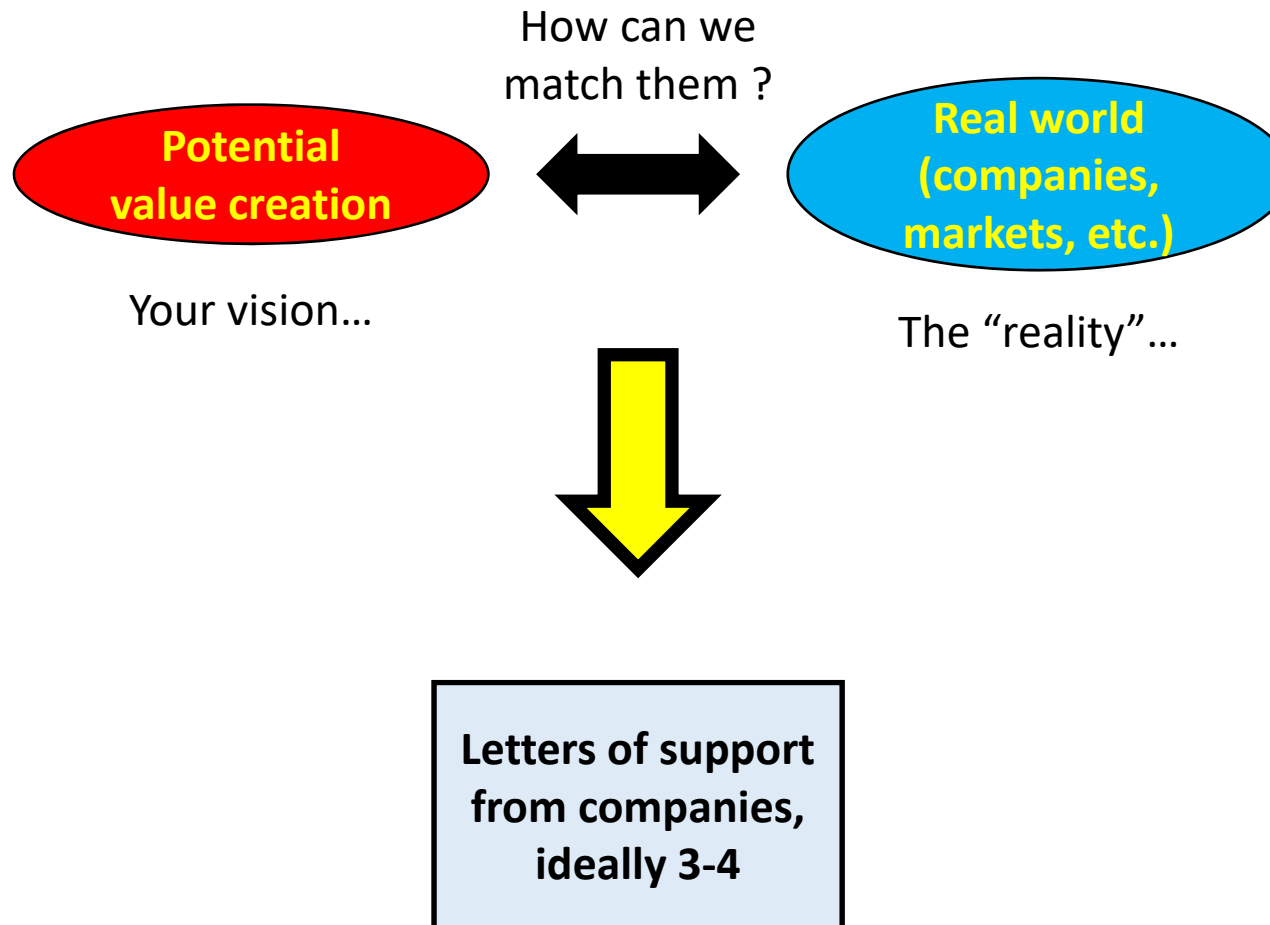


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The road to Flexfiber – The business part...



The road to Flexfiber – Consolidation of the business part





Questions ?