

# TERAMED

**Prague SME company, established in 2009**

- Geological survey
- In-situ innovative technologies
  - e.g. Using nZVI for reductive dehalogenation
  - Using IRB in cooperation to abiotic methods



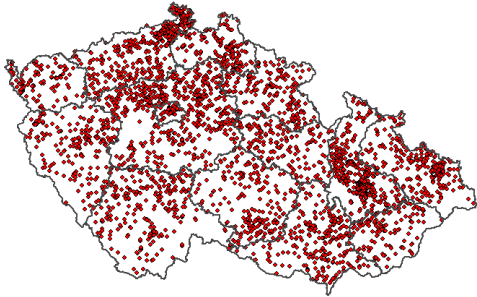
## Research & Development

**Train (6310, duration 2012-2014)**

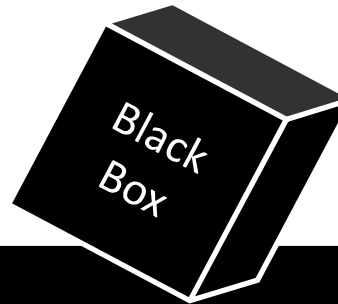
- Ongoing project supported by Eureka!

Subsurface remediation technology based on the synergy of biological and abiotic methods

# Problems & Needs



As a heritage of former approaches in business, many sides in Czech Republic are affected by anthropogenic contamination (sediments, groundwater, subsurface). On the other hand, public funds for removal of contamination are recently very restricted. There is only one way, how to keep an active treatment under above mentioned conditions – low cost strategies for environmental clean-up.



Subsurface contaminated or affected by anthropogenic compounds generating risks, threats, and problems to the environment and human health

**Goals:** adaptation of DP technologies for more consolidated subsurface / development of reliable monitoring kits for better understanding of natural processes in order to use natural power with low cost enhancement

assessment

monitoring

action

controlling

1

Are we able to create „reliable window“ into the subsurface everywhere?

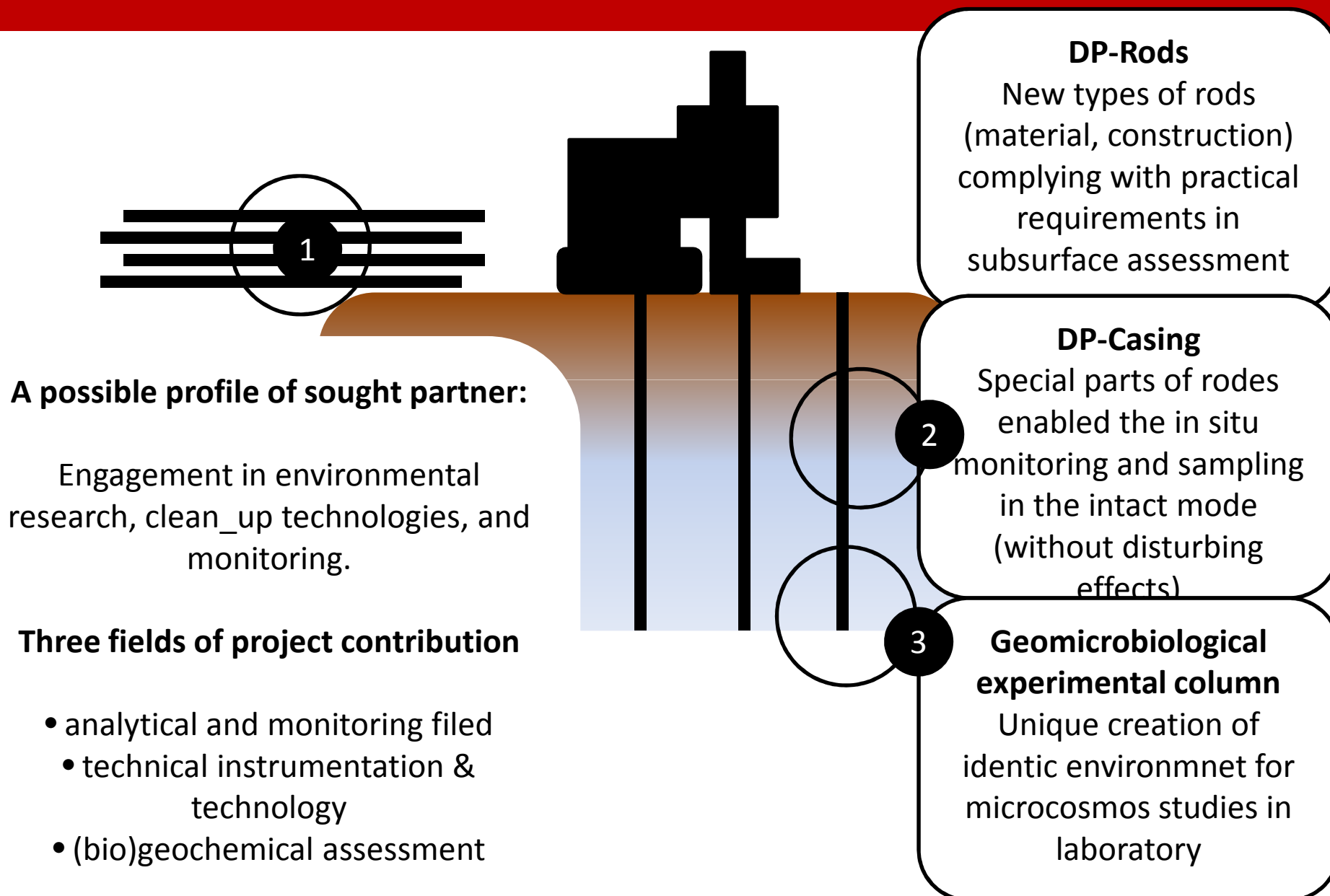
2

Are we able to stabilize monitoring system and improve its properties?

3

Are we able to sample subsurface in an intact mode, without false results?

# Project proposal



# Thank you for your attention

For any information please contact us



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