

# Integrated CO<sub>2</sub> Measurement & Reporting Platform



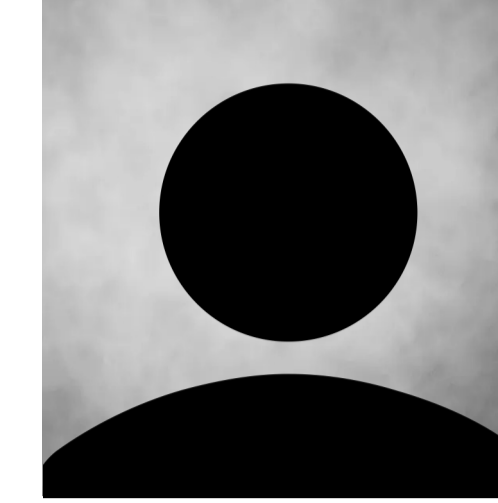
**Serge Niederkorn**

- Business Development
- Project Development & Implementation



**Sven Fiebrig**

- Financials
- Market Assessment



**N.N.**

- CTO
- Technical Solution Develop.
- Technical Implementation, and Commissioning

## Challenge

- Strict requirements specified by offtake channels for CO<sub>2</sub> purity and for occurrence of a long list of compounds in low-concentration levels in the CO<sub>2</sub> stream
- No real-time / online industrial CO<sub>2</sub> measurement system available
- CO<sub>2</sub> purity and composition analysis only feasible in costly and time-consuming laboratory tests



## Project Description

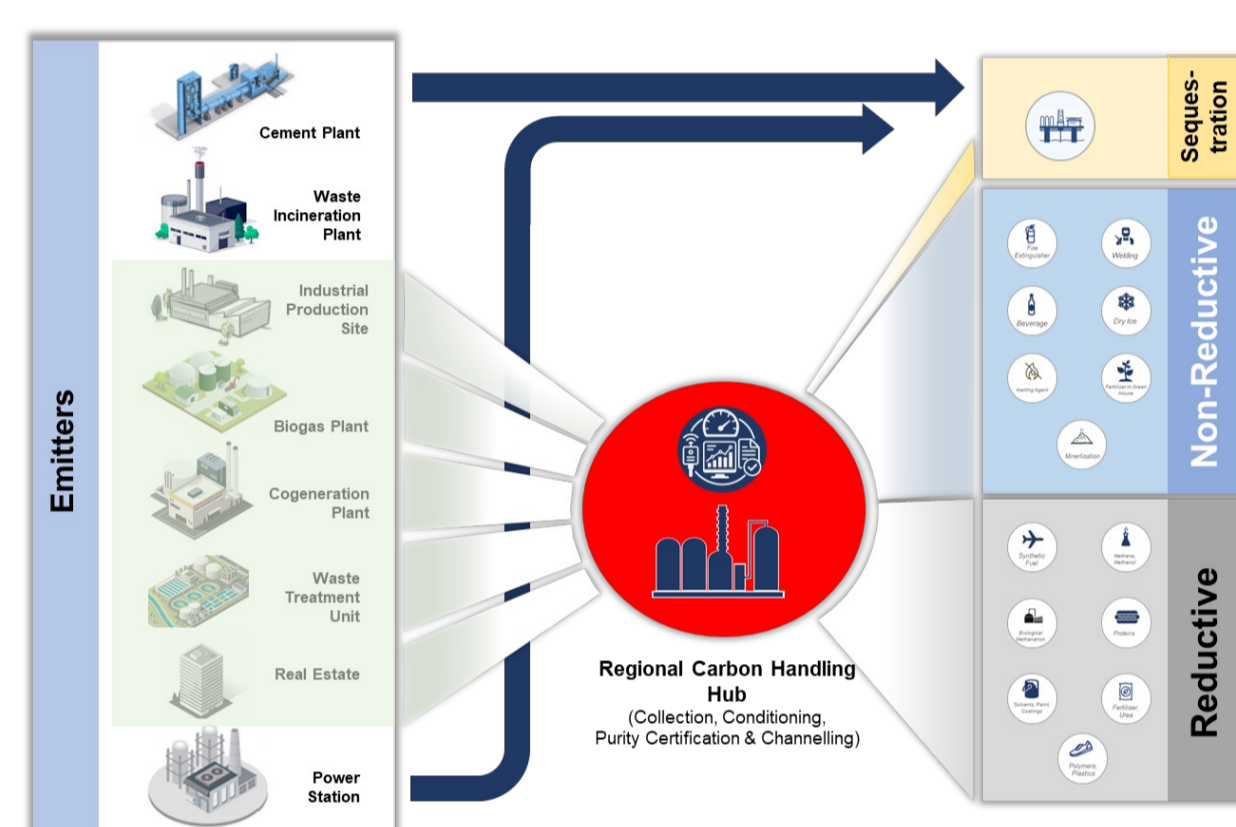
- Overall idea behind the project:
  - Hub to support small and med-size emitters on their path to decarbonisation, incl. CCUS/BECCS project realization support, day-to-day mgmt. of offtake as well as document, billing, allowances and certificate mgmt.
  - Real-time measurement of CO<sub>2</sub> stream composition
- Overall achievements:
  - Layout of the Carbon Handling Hub Solution
- Achievements thanks to funding and support of the CDR Booster:
  - Compilation of user requirements specification and preselection of potential realization concepts for the Integrated CO<sub>2</sub> Measurement & Reporting Platform



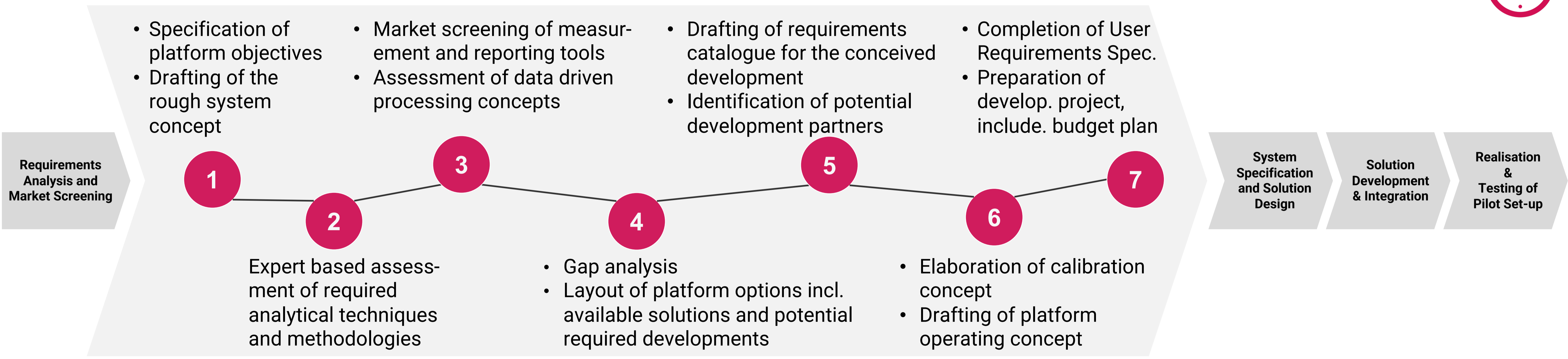
## Situation & Challenge



## Solution



## Project Timeline



## Next Steps

- 1** • Selection of platform developer  
• RFQ for platform development  
• Review of planning
- 2** • Update of financial requirements  
• Search for project and funding partners  
• Securing grant funding
- 3** • Onboarding of project partners  
• Platform development contract negotiation
- 4** • Appointment of platform developer  
• Launching of prototype development



## We are looking for...

- Realisation Partners
- Technology Partners
- Funding
- Implementation Partners
- Customers