Data Flows Like Water

Building Cloud-based Applications for Upstream Data Management
Situation

• Lots of data
  • Historical data
  • Contemporary data
  • New data

• Dedicated data management organization
  • VVIP support for upstream geologists and engineers
  • Make data safe, secure, accessible, findable, and usable
Complication

- Consensus on workflows and tools is very difficult to achieve
  - Strong regional identities
  - Unique workflows

- Historical data and systems are... inconvenient
Implication

• Developing software for data management is hard!
  • Political challenges
  • Technical challenges
Position

• Proactively seeking users’ feedback is critical

• Delivering small features quickly is important

• Cloud is often the path of least resistance
• What is Agile?

• How do you do Agile?

• How do you do Agile with 6 teams on 3 continents?
Benefit

- Data is starting to flow like water...
- Facing the right direction and taking steps