



Openroplet



Vision

- Better data flow
- Human centric design
- Open hardware
- Designed for science
- Designed for community

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DESIGN NUMBER 26R

Sensing

- Acoustic sensing
- Audio signatures
- Real-time data

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Data in context

- Sensor data
- Community data
- Contextual data
 - ◆ Infrastructure
 - ◆ Policy
 - ◆ Environment
 - ◆ Systems

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Data interface

- Human-centric design
- Non-graphical
- Desirable in the home
- Sculptural
- Evocative
- Open

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Community

- Work with community groups
- Meet community data needs
- Aim for water efficiency
- Facilitate collaborative efforts
- Encourage engagement and awareness on a collective level
- Create new norms of behaviour



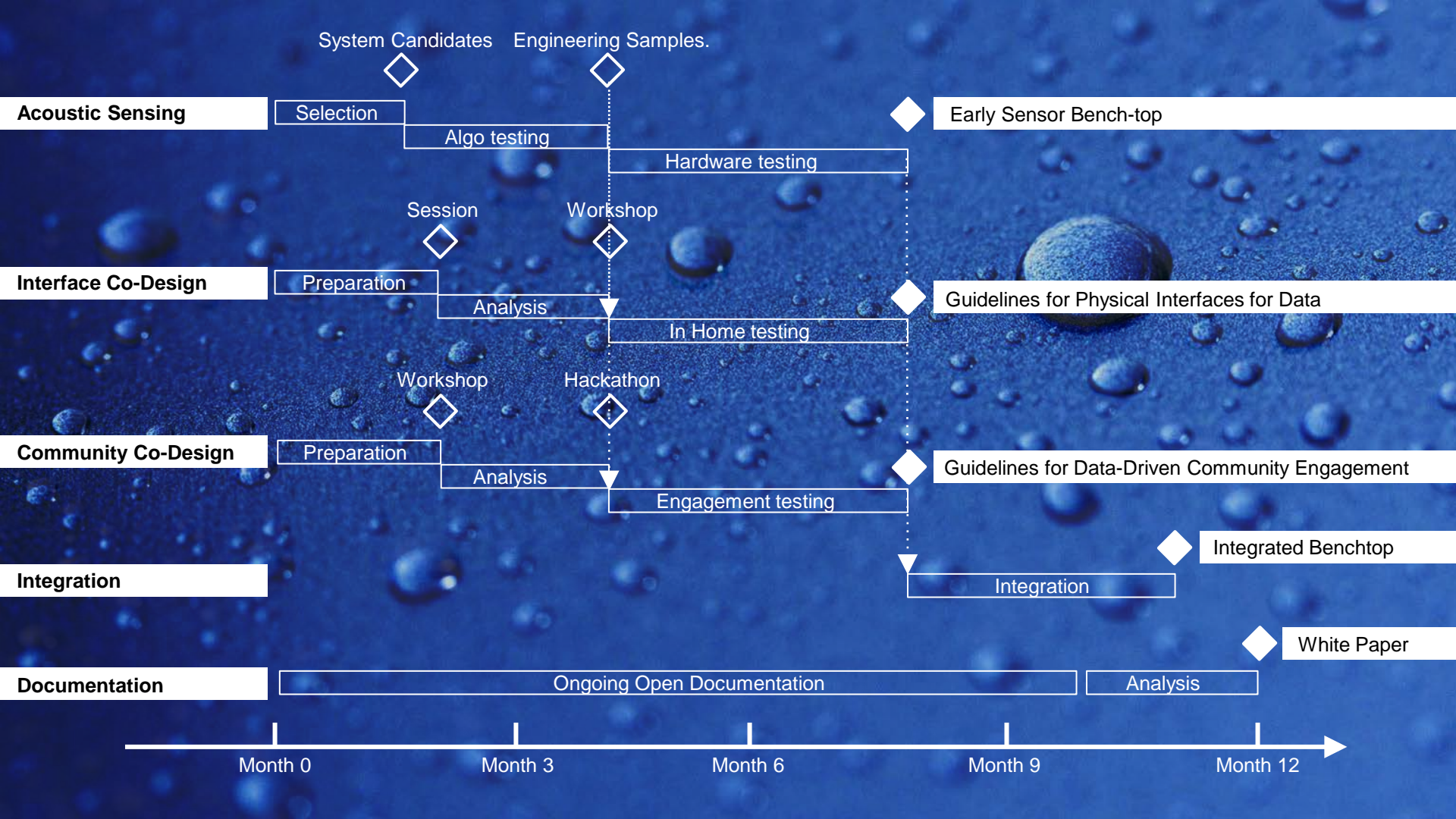


→ Simple

→ Beautiful

→ Smart

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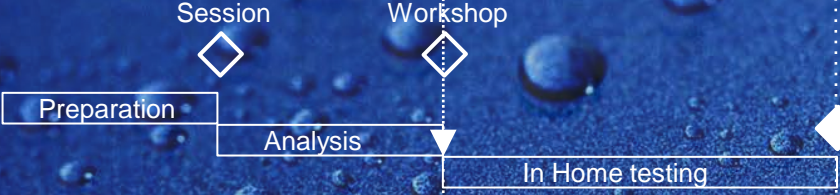
System Candidates Engineering Samples.

Acoustic Sensing



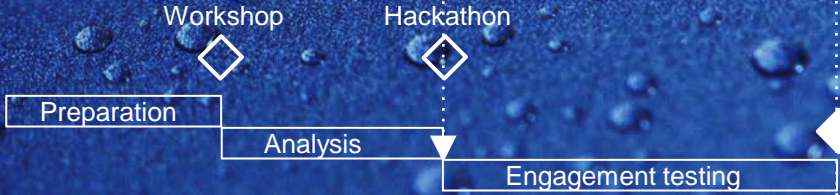
Early Sensor Bench-top

Interface Co-Design



Guidelines for Physical Interfaces for Data

Community Co-Design



Guidelines for Data-Driven Community Engagement

Integration



Integrated Benchtop

Documentation



White Paper

Month 0

Month 3

Month 6

Month 9

Month 12

Open Droplet

Smart home, smart community

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