

Helsinki Testbed



Vaisala's Vision



First Scope

The presentation discusses Vaisala's Visions and items to consider to reach the Vision.

It is the Vision from Vaisala's perspective. We fully expect Visions to be created by other participants and this will form the basis for discussions.

It does not discuss how specifically to get to the Vision. Once we align our Visions with other participants, we can make the tactical plan.

Vaisala Vision

Vaisala wants the testbed to be a laboratory for Vaisala to develop and gain experience in technology and applications in order to:

- prepare for commercial application services
- prototype and pilot applications services
- understand and identify partners for
 - Mesoscale forecasting
 - Applications specific forecasting
 - Data Assimilation
- develop data management capabilities
- develop equipment services capability
- develop capabilities in observing network management
- deploy new and experimental observing capabilities

Vaisala Vision

Vaisala wants the testbed to be a Example for Vaisala's commercialization of the Mesoscale and Precision Weather Concepts

- Showing the roles of partners
- Examine various parts in the value chain
- Enable the development of new applications
- Showcase applications

Vaisala Vision

Vaisala wants the testbed to be a Learning Place for Vaisala's commercialization of the Mesoscale and Precision Weather Data Services Concepts

- Showing the roles of partners
- Exploring applications for various markets
- Examine various elements of the value chain
- Enabling the development of new applications
- Showcase how to develop and deploy applications

Vaisala Vision: the requirements for success

Establish a baseline for the observing system

Operated in a manner of a production system

Establish a way to introduce and remove technology outside the baseline to allow exploration and experimenting with new capability

Establish a concise and effective way to manage the Testbed

Establish a way to convert the baseline from a test bed to a commercial ongoing concern in a defined period of time.

Vaisala Vision internal hurdles

Vaisala needs to complete its own precision weather strategy
(December 2007)

Vaisala must acquire the technical knowledge associated with the testbed

Vaisala has to establish the value of the testbed to its internal operations. It has to sell and coordinate internally