INTERACT SMF IV
27-28 September 2018, Salekhard, Russia

INTERACT GIS

www.eu-interact.org

By
Tomas Thierfelder
Britta Löfvenberg
Anders Printz
Elmer Topp-Jørgensen

Swedish University of Agricultural Sciences
Environmetrics and Geoinformatics
www.slu.se

INTERACT GIS
WP3, Task 3.6

Agenda

1. Online presentation of the system
2. The launch of INTERACT GIS - Version1 and Version 2
3. Management organization
4. Costs
5. Stations joining INTERACT GIS
6. Individual adaptation requirements – version 2 (Break out groups)
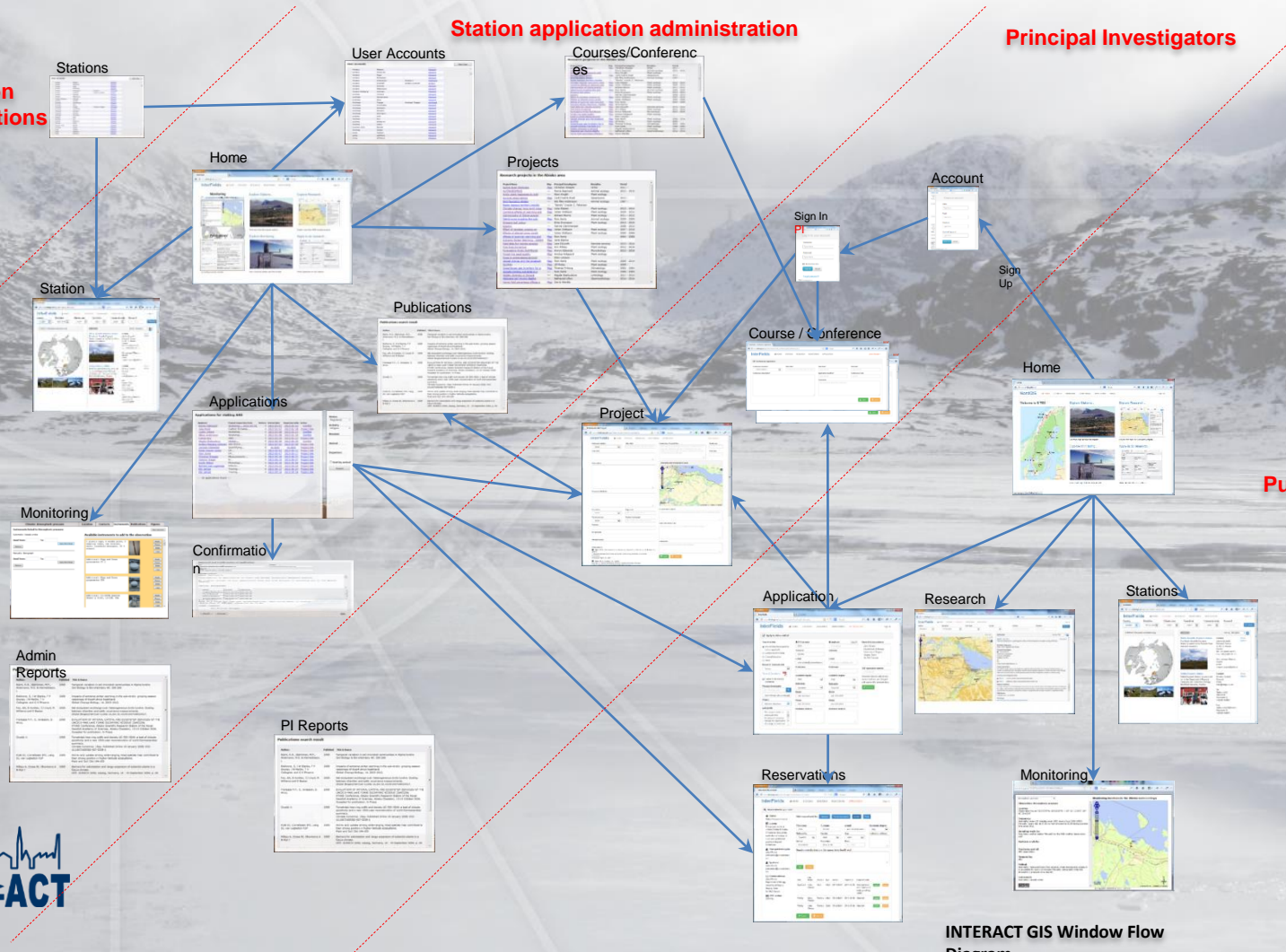7. INTERACT GIS launch and implementation process
8. Questions?

INTER⇌ACT

Stations information
- all INTERACT Stations

Station application administration

Principal Investigators

Stations

User Accounts

Courses/Conferences

Projects

Research projects in the Aklinda area

Account

Sign In
PI

Home

Monitoring

Station

Publications

Publications search result

Course / Conference

Home

Project

Sign Up

Public Access

Applications

Applications for visiting AAA

Monitoring

Confirmation

Application

Research

Stations

Admin Reports

Publications search result

Reservations

Monitoring

PI Reports

Publications search result

INTER≡ACT

INTERACT GIS Window Flow Diagram

INTERACT GIS

Station managers
- Station Catalogue information
- Application handling

Scientists and other stakeholders
- Locating ideal stations
- Applying for access

The launch of INTERACT GIS

Version 1 – November 2018

- Current station application module

Version 2 - 2019

- Station information editing (All INTERACT Stations join)
- Individual application adaptations (Current system, plus additional modules developed by stations themselves)
- Summary reports (Easy extraction of database content into standardised output formats, e.g. approved applicants over the field season, etc.)

INTER⇌ACT

INTERACT GIS – management organisaiton

Current management organisation

- Operational partner (Umeå IT, Britta Løfvenberg)
- Juridical system owner (SLU, Tomas Thierfelder)
- INTERACT (Elmer Topp-Jørgensen)

Future management organisation

Will be developed over the coming year with discussions at SMF. Should include:

- Station manager representatives
- Operational Partner, Umeå University
- Possibly INTERACT representative

INTER⇌ACT

INTERACT GIS - costs

INTERACT GIS comes with operational costs

Four options depending on reliability and safety, as well as on level of service
- Virtual server: ~ 300 EUR/year
- Dedicated server: ~ 4000 EUR/year
- Dedicated SQL server + dedicated web-server: ~ 7000 EUR/year
- Two dedicated SQL servers + 2 dedicated web-servers: ~ 13000 EUR/year

The indicated costs are shared by the user stations
- Level 3 is recommended – with 30 user stations this amounts to 233 EUR per user station and year.

For accumulating, storing and sharing station activities information at a non-commercial forever basis!

The future management organization decide on server/service option and cost sharing model

INTERACT GIS – joining stations

Station information element (version2)

- All INTERACT stations are expected to register and update information as needed

Application module

- How many stations consider joining the current system (version1)?
- How many would be interested in an individually adapted version (version 2)?

INTERACT GIS – individual adaptation needs

If you are not able to use the system with the current contents, what else do you need?

Break-out Groups to discuss potential new modules

(what additional information do you require from applicants today, e.g. for access to protected area, dangerous wildlife, health and safety, insurance cover, etc.)

Try to be as specific as possible about contents, while including all relevant modules

INTER⇌ACT

INTERACT GIS – launch and implementation

November 2018:

Basic application module: Stations interested in joining the system will be contacted by Umeå IT, when the system is launched

2019

Station information element: All stations join the Station information element of the system.

Individual adaptations of application system: Three levels will be offered per default, a simplified, the current, and a more detailed application system. All stations that want to use the system with individual adaptations, develop these in cooperation with Umeå IT (may require additional developing costs depending on workload) and join the system

INTER=ACT

INTERACT GIS – questions?