WP 2
Scientific coordination, mentoring and education

Specific aims:
- To coordinate the communication of the science and to foster international collaboration
- To promote Arctic and climate change issues in school and university education and to provide appropriate resources

Up-dates since the Salekhard Meeting
Mentoring and supporting in general

- WP1-mentoring in opposite direction! Helping assemble and write application for INTERACT III

- WP2 Leader

- WP3 “Awareness of the Scene” liaising with TSU Masters Students and Elmer

- WP4 - Chair of TA Board – suggesting priority topics and new committee members; chairing and evaluating applications

- WP6 – continued cooperation with Alex

- WP9 – Leading manuscript writing on interactions among decision makers, local peoples and researchers; mentoring the Taiga case study
Promoting Arctic and climate change issues in education

INTERACT continues to work with the award-winning UK Charity Wicked Weather Watch
Sub-task 2.2c. Development of online educational resources and outreach for schools and universities

Process for resource development

1. Identification
   (PAS, UOULU)

(PAS) CAWI surveys, direct contact with teachers and teacher associations, through Wicked Weather Watch, Science Stories, searches

Results of CAWI survey I
Development of educational packages by IGF-PAS

With input from USFD, TSU, Lund University, Stockholm University and Wicked Weather Watch
2. Animation Development (USFD, TSU)

a) Completed before the Salekhard meeting
   general permafrost
   ice-wedge polygons
   glacier dynamics
b) “Completed” since the Salekhard meeting
   hanging valley formation
   peat cores and past environments
   dead plants tell stories: past UV-B
c) Feasible new INTERACT II animations
   sediment cores and past environments
   ice cores and past climates
d) Wish list
   secrets of shrub rings
   biogeochemistry
   forecasting future ecosystems
e) Added Value from IGF/PAS
   resource packages
   card game
3. Videos: stand-alone: the Taiga for primary Schools

The Taiga Part I
The Forest

The Taiga
part II
the River
4. Videos to support animations

Peat coring clip for animation on environmental history

Herbarium introduction and conclusion for “Dead plants tell stories” animation
5. Video with 3 INTERACTers made for the youth of Luxembourg, 500 of whom presented a report to the Prime Minister.
4. Dissemination
- Web sites – stand alone √
- Web sites – packages √
- i-book INTERACT Science Stories Volume 2 ..........
- Up-dated Mass on-line Course ....
- Summer schools √
- European educational portals √
- A short brochure √
- A promotional video clip for teachers √
- Visits to schools √
- Meetings including teachers associations √
- Newsletters for teachers √
- Cooperation with the H2020 EDU-ARCTIC programme and Polar Educators. √
Outreach, School talks and Science Presentations

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Science diplomacy

Presentation to the UK Parliament with Sir David Attenborough

CMG Award

Maria Zakharova
Spokesperson for the Russian Foreign Ministry
Remaining Deliverables

**D2.1:** Report summarising feedback from target end users concerning ways to extend the educational value of INTERACT’s Arctic gallery and glossary (*IGF-PAS Month 12*).

*Delayed until sufficient resources have been developed: now Month 48*

**D2.4:** Third CAWI Survey report (*IGF-PAS Month 36*)

**D2.5:** Recommendations to authors of educational resources (*IGF-PAS Month 36*)

**D2.8:** The third newsletter for teachers once new resources have been delivered (*IGF-PAS Month 37*)

Thanks for your attention!

D2.14: Series of infographics (USFD Month 36)

D2.15: Report on INTERACT educational resources for the University of the Arctic (TSU Month 38)

MS2.2: Up-dating and expansion of the online Coursera video course “The Changing Arctic” (USFD Month 36)

Thank you for your attention!