WP 2 – Scientific coordination, mentoring and education

Networking in 1967 – IBP site Disko Island

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Aims of the WP

- Mentoring in general
- To coordinate the communication of the science and to foster international collaboration
- To promote Arctic and climate change issues in school and university education
- To provide educational resources

All objectives are still relevant
- Mentoring and promoting young researchers has been successful
- Communication has been exceptional
Partners involved in the WP

**USFD** – lead, coordination, mentoring throughout, designing educational resources  
**LU** – match-making in science  
**UOULU** – co-production of the interactive Science Stories Book  
**TSU** – production of animations for education and technical development of the science stories book  
**PAS** – soliciting teachers for technical requirements for educational resources and producing educational packages  
**Non-INTERACT** – WWW – interface with schools and teachers

**Integration** – total, e.g. including identifying educational resources (PAS, UOULU), developing them (USFD, TSU, LU) and delivering them in multiple ways (USFD, TSU, UOULU, PAS, WWW)
Achievements so far (1)

Mentoring in general
- WP1 - Suggestions for board members etc.
- WP3 - Awareness of the Scene
- WP4 - Chair of TA Board
- WP6 - Systems approach
- WP9 - Meeting of decision makers, local peoples and researchers
Achievements so far (2)

Bulletin board established on the web site (MS2.1)

INTERACT Ambassadors established and presented in report (D2.9)

The 44 INTERACT Ambassadors come from 16 different countries and represent 30 disciplines.
Achievements so far (3)

Matchmaking in science (LU)
• Links created between INTERACT and relevant atmospheric and marine networks in the North as well as major EU consortia, for example the Arctic Cluster.
• A “networking of networks” meeting is back-to-back with INTERACT’s First Period Review
Achievements so far (4)

School Education
Arctic and climate change issues promoted in education at schools (4 years to 18) in collaboration with H2020 EDU-ARCTIC, Polar Educators and the Wicked Weather Watch charity.

Identifying resources
Producing resources

113 replies, 25 countries, 4 continents
Higher Education
Arctic and climate change issues promoted in high schools and universities in collaboration with H2020 EDU-ARCTIC and University of the Arctic.
• mass on-line outreach courses (ca. 20,000),
• interactive on-line science stories book,
• specific educational resources (ca. 30),
• talks at schools and teachers conferences,
• summer schools (Russia and Canada)
Added value

• Becoming Patron of the UK charity Wicked Weather Watch and linking WWW and INTERACT
• Co-founding the Russian national network SecNet
• Joint meetings (3) with SecNet supported by the British Embassy, Tomsk State University and INTERACT leading to a manuscript and networking
• Securing TSU funding for interactive Science Stories Book Vol. 2
International Arctic Science Committee 2017
Companion of St Michael and St George (UK) 2018
Tomsk State University, Russia 2018

Shared with INTERACT!
Deviations from workplan

Newsletter and CAWI survey delayed to give chance for more educational resources to be developed and posted on the web site.

Expected impacts

Impacts

- **Science:** mass training of potential future scientists
- **Social:** Increasing awareness of global change issues
- **Political:** reaching and advising Governments (e.g. APPGPR)

Reaching out to Russian Ministers of Education and Environment
Disseminating Results Globally

- Mass on-line Outreach Course (English and Russian)
- Interactive Science Stories Book *Volume II*
- Educational resources on INTERACT and WWW web sites
- Newsletter to teachers
- Talks to schools, teachers conferences and communities
- Paper on improving communication among decision makers, local people and researchers
- BBC – 100,000,000 viewers
Thanks for your attention

INTERACT aims to inform and interact with the public, stakeholders and primary, secondary and tertiary students. In particular, we will work with people living in and around the Arctic. We aim to:

https://eu-interact.org/xxxx