

WP 2

Scientific coordination, mentoring and education

USFD LU UOULU TSU IGF/PAS



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**

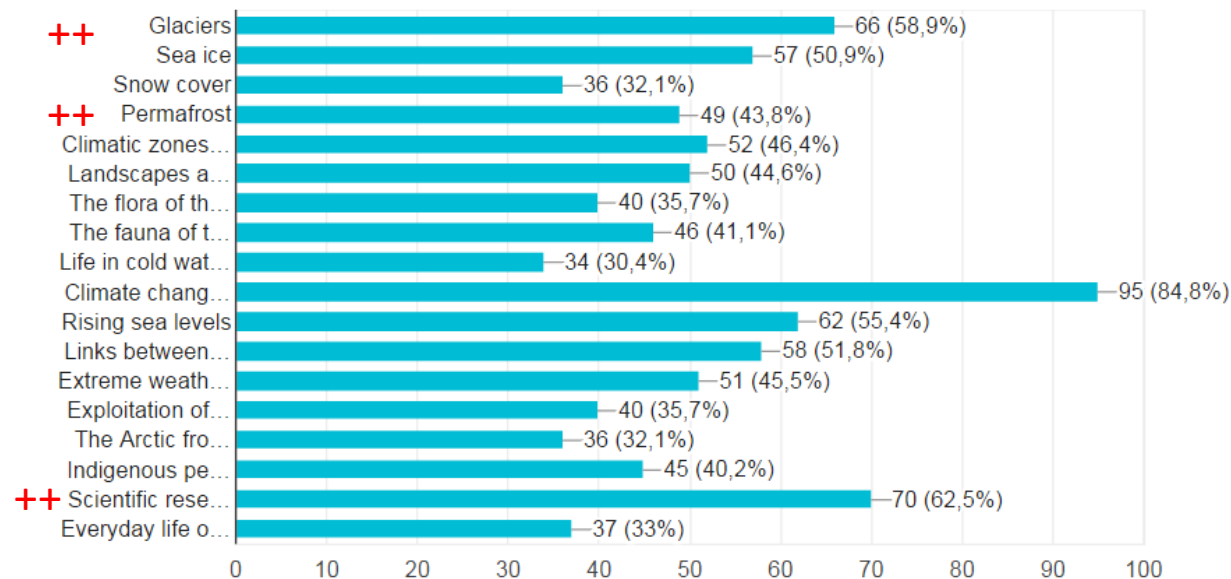


Sub-task 2.2c. *Development of online educational resources and outreach for schools and universities*

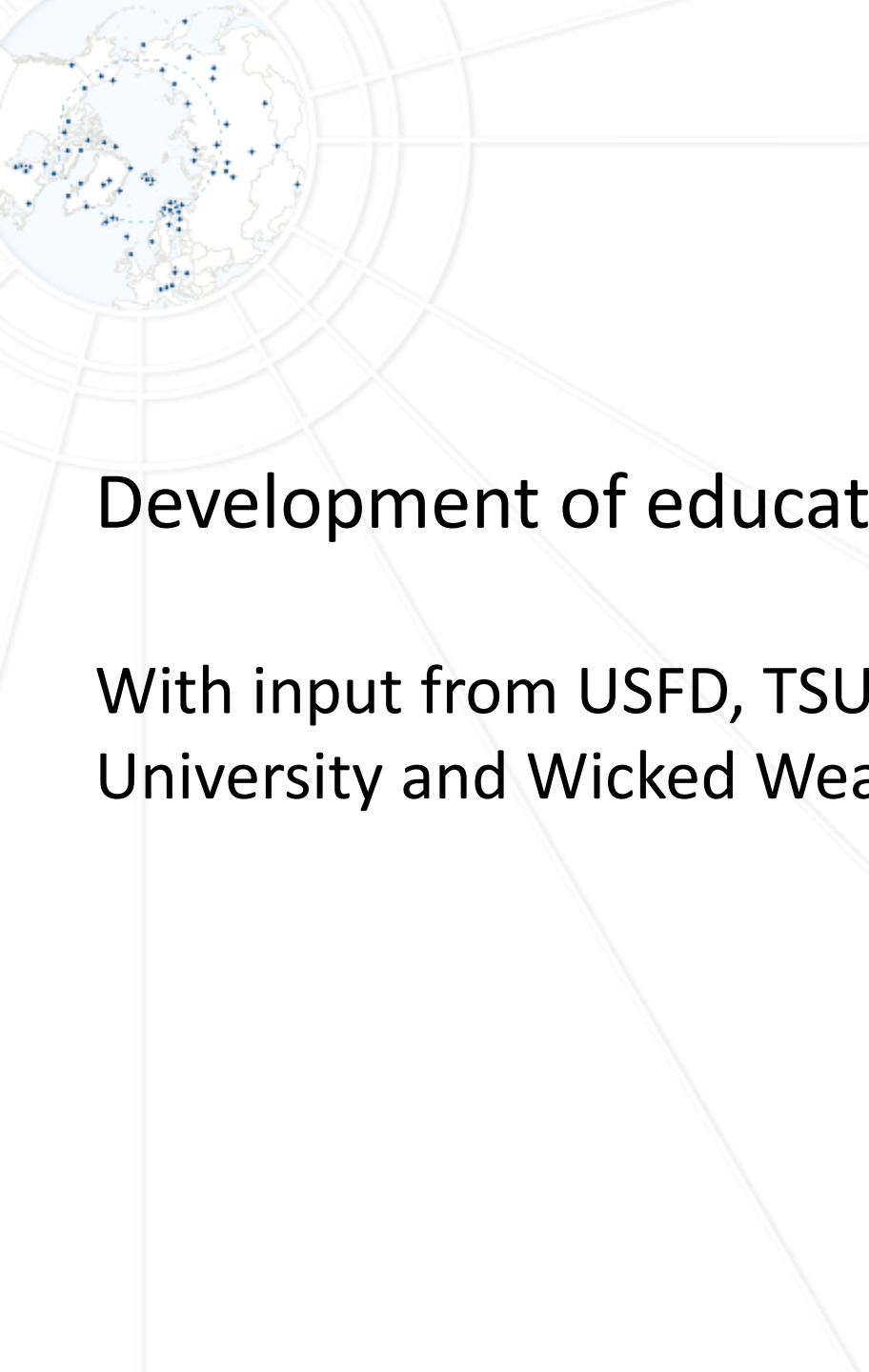
Process for resource development

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



4. Videos to support animations



Herbarium introduction and conclusion for “Dead plants tell stories” animation

Peat coring clip for animation on environmental history



5. Video with 3 INTERACTers made for the youth of Luxembourg, 500 of whom presented a report to the Prime Minister



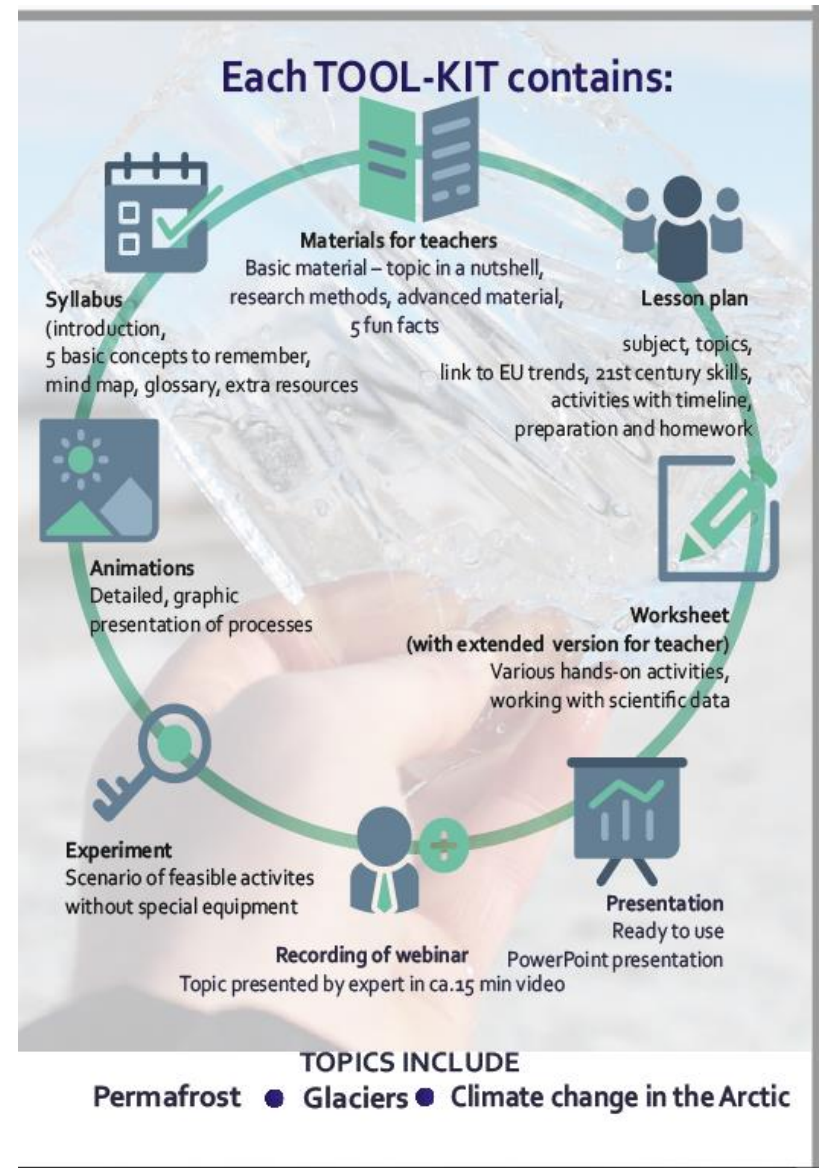
SCHLUSSRAPPORT VUN DE 4 REGIONALEN ECHANGEN

19. Juni 2019



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

Science presentations

| | |
|--------|---|
| UK | 4 |
| Non-UK | 7 |

School talks (WWW)

| | |
|-----------------------|---|
| UK (multiple schools) | 4 |
|-----------------------|---|

Public talks/Media

| | |
|--------|---|
| UK | 3 |
| Non-UK | 5 |

Coursera

| | |
|----------------------|-------|
| Total | 5,075 |
| Active | 2,986 |
| Awarded certs. | 392 |
| plus Russian version | ? |

Masters Courses

| | |
|--------|---|
| Non-UK | 2 |
|--------|---|

INTERACT meetings – endless



CONVITE

Professor Terry V. Callaghan

PALESTRA

Degelo do Ártico: Impactos Globais

Momento Musical: Maestro e pianista, Prof. João António de Almeida

Apoios:
-Câmara Municipal de Faro
-Lions Clube de Olpe (Alemanha)

Biblioteca Municipal de Faro
12 de Outubro de 2018 às 18h

ENTRADA LIVRE

LIONS INTERNATIONAL
Lions Clube de Faro



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!



D2.11: Report of INTERACT Science Stories 2 (2016-2018) (*USFD, Month 48*)

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!

