

WP 3 – Giving Access to the Arctic

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Aim of the WP

Free access (TA/RA/VA) to world-class infrastructures in the Arctic and beyond for excellent science

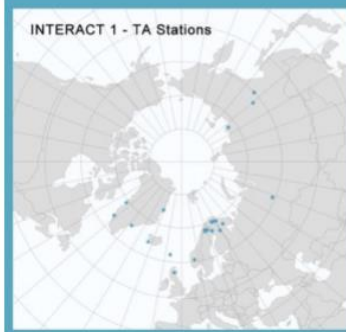
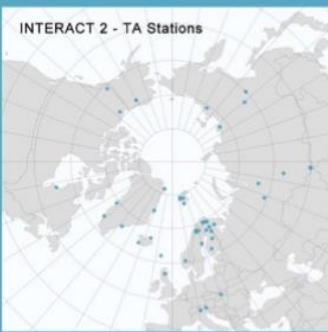

 <p>INTERACT 1 - TA Stations</p>	 <p>INTERACT 2 - TA Stations</p>	 <p>INTERACT 3 - TA Stations</p>
<p>Year: 2011-2015 Countries involved: 8 Stations offering TA: 20 Stations offering RA: - Stations offering VA: - Offered access days: 10.433 Used access days: 7.251 TA User Groups: 185 TA Users: 539 User Group countries: 19 Journal Articles: 85 (2011-2015); 21 (2016-2019) INTERACT TA User Satisfaction (%): Excellent or good support (95%)</p>	<p>Year: 2016-2020 Countries involved: 14 Stations offering TA: 43 Stations offering RA: 18 Stations offering VA: 23 Offered access days: 7.820 Used access days: 5.821, 1.999 (2020) TA User Groups: 169, 35 (2020) TA Users: 375, 95 (2020) User Group countries: 23 Journal Articles: 30 (2017-2018); 60 (2019-2020); 25 (2020-2023) INTERACT TA User Satisfaction (%): Excellent or good support (92%); Would recommend it (100%)</p>	<p>Year: 2020-2024 Countries involved: 17 Stations offering TA: 55 Stations offering RA: 33 Stations offering VA: 32 Offered access days: 6.495 Used access days: - TA User Groups: 162 TA Users: 433 User Group countries: 25 Journal Articles: 100 (2020-2023); 25 (2024-2027)</p>

Figure 6. Development of Trans-national, Remote and Virtual access INTERACT I, II and III. Gray texts are estimates for the rest of the INTERACT II project period (2019-2020) and for INTERACT III (2020-2023) and beyond.

Partners involved in the WP

TA: 53 stations
RA: 33 stations
VA: 32 stations

INTERACT III Infrastructure Matrix		Environmental Envelope/Ecozone					
		A	B	C	D	E	F
Responding to Societal Challenges	SC1. Unpredictable Arctic – extreme weather events	5(1, 2), 7, 21(1-3), 32, 37, 44, 49, 50-51, 55-57, 59	3(1), 8, 9(1), 10(1-3), 11, 14, 15(1), 17, 29, 31, 38	3(2), 12-13, 15(3), 16, 18, 22, 26, 34, 48, 53, 58	4, 15(2), 19, 20, 23	24, 25, 30	9(2), 27, 28, 33, 52, 54
	SC2. Connecting the Arctic: Transport and Communication	21(1-3), 32, 37, 49, 50, 57, 59	17, 29	12, 13, 34	4, 23	24	52
	SC3. Climate Action: Making data widely available (VA)	5, 7, 32, 37, 50, 56, 59	3, 10(1, 3), 14, 29, 31, 38	12, 13, 15, 16, 18, 22, 26, 34, 53	4, 15, 20, 23	24, 25, 30	27, 52
	SC4. Preparing for a future world: improving education and awareness	5(1, 2), 7, 12(1), 21(1-3), 32, 37, 44, 49, 50, 51, 56, 57, 59	3(1), 9(1), 10(1, 3), 11, 14, 15(1), 17, 29, 31, 38	12, 13, 15(3), 16, 18, 22, 26, 48, 53, 58	4, 15(2), 19, 23	25, 30	9(2), 27, 28, 33, 52, 54
	SC5. Cleaner Arctic, cleaner world: documenting and reducing pollution	5(1, 2), 21(1-3), 32, 37, 44, 50, 55, 56, 57	3(1), 8, 9(1), 10(1-3), 11, 14, 15(1), 17, 29, 31, 38	3(2), 12, 13, 15(3), 16, 18, 22, 34, 48, 53, 58	4, 15(2), 19, 20	24, 25	9(2), 33, 52, 54
	SC6. The Arctic Resort: increasing benefits and reducing impact from developing tourism	21(1-3), 32, 37, 44, 57, 59	3(1), 10(1-3), 11, 14, 15(1), 17, 29, 38	3(2), 12, 13, 15(3), 16, 18, 22, 26, 48, 58	4, 15(2), 19	24, 30	9(2), 27, 28, 52, 54

Figure 4. INTERACT's infrastructure contributes to resolving societal challenges across the diverse environment of the Arctic. Numbers denote TA research station number owners and their particular installation if they own more than one (Section 3.2.3). The letters in the column titles denote the following ecozones: A) High Arctic and tundra stations with continuous permafrost B) Tundra and boreal forest stations with discontinuous permafrost C) Tundra and boreal forest stations with sporadic permafrost D) Boreal forest stations with no permafrost E) Mountain and Alpine stations F) North-Atlantic and temperate forest stations



TA/RA/VA in a nutshell

Trans-national Access (TA): users visit the station, travel, subsistence and logistic costs reimbursed

Remote Access (RA): station collects the samples, postal and freight costs reimbursed

>> Annual TA/RA call in the autumn to select the projects for access

Virtual Access (VA): free access to station's metadata and data via INTERACT VA Single-Entry point >> no selection process, open for anyone

TA: 53 stations, 5827 days (90 %)

RA: 33 stations, 668 days (10 %)

TOTAL for Trans-national Access: 6495 days, **4 037 416 EUR** incl. ODC

VA: 32 stations, **1 050 451 EUR**

Tasks of the WP

- **Task 3.1** Management and operation of Trans-National Access and Virtual Access (Lead UOULU)
- **Task 3.2.** Trans-national Access “Watch Dog” (Lead UOULU)
- **Task 3.3** Extension and improvement of the TA management tool INTERACCESS (Lead INKODE)
- **Task 3.4** Extension and improvement of the VA Single-Entry Point, and interoperability with other INTERACT systems (Lead INKODE)
- **Task 3.5.** Outreach (Lead UOULU)



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Deliverables of the WP

D3.1 TA and VA Quality Assurance Programme (M12)

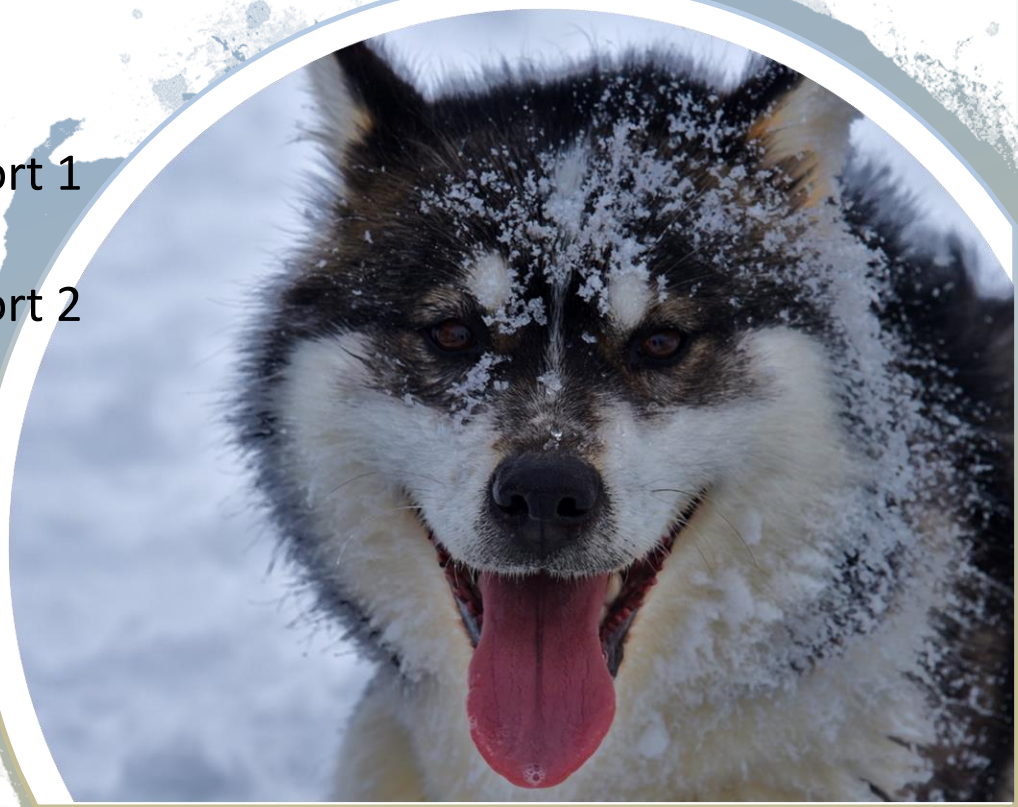
D3.2 How to get the data? INTERACT Metadata Tag Pilot Technical Manual (M23)

D3.3 Virtual Access Assessment Report 1 (M24)

D3.4 Virtual Access Assessment Report 2 (M48)

D3.6 Report (unit) of Access Delivery (M48)

D3.7 Business plan for INTERACCESS commercial use (M48)



Internal collaboration

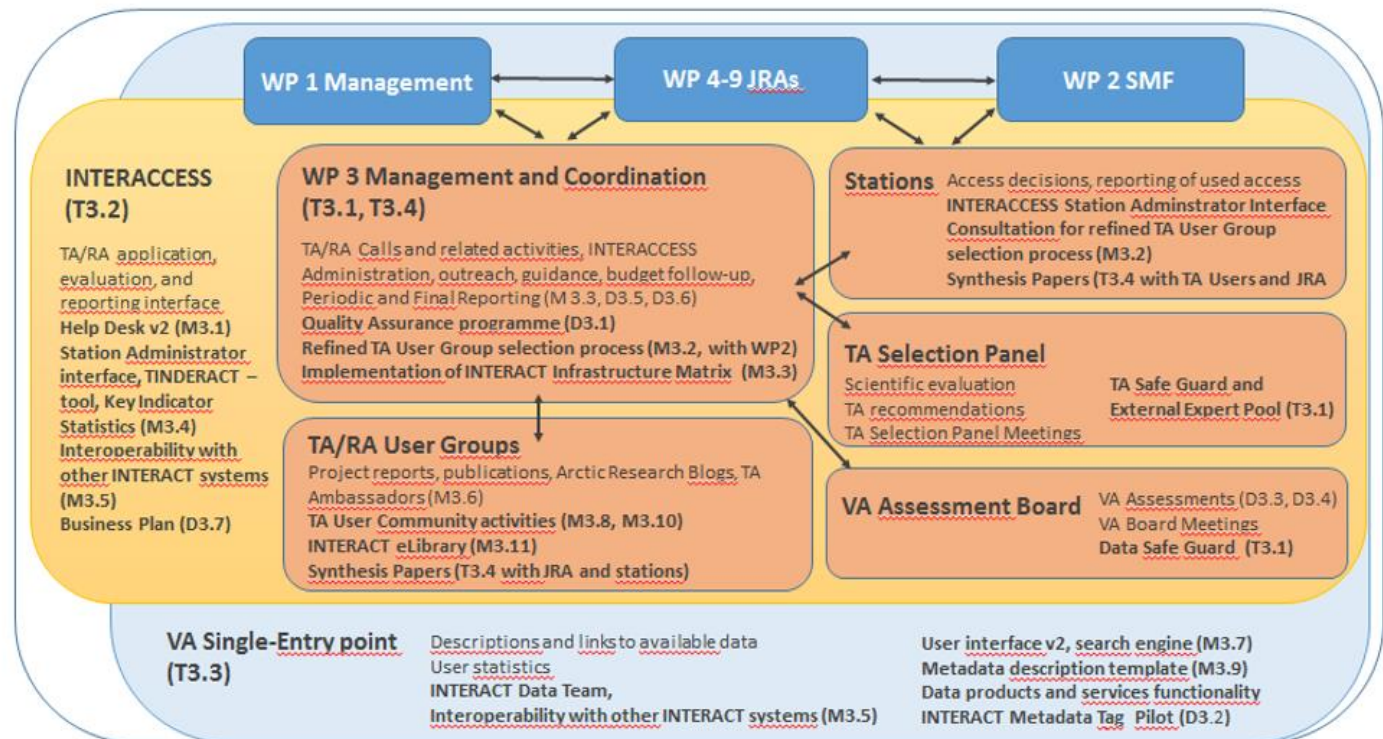


Figure 8. Integration of TA/RA/VA (WP3) with other WPs and activities in the consortium. The bold font indicates innovation, development or expansion compared to INTERACT II, whereas plain text refers to continuing best practises.



External collaboration

Task 3.1 Management and operation of Trans-National Access and Virtual Access (Lead UOULU)

>> Meetings, congresses, TA Board, VA Board

Task 3.5. Outreach (Lead UOULU)

>> TA User Community Activities

Meetings, Webinars, TA Ambassadors, Synthesis papers, Arctic Research Blogs, Instagram, Facebook group

Next steps; spring-summer 2020

- Additional TA/RA call to "new stations" (March)
- TA User Community Meeting, ASSW2020 (30th March)
- Webinar to new stations about TA/RA/VA practises (April)
- On-line questionnaire about TA/RA/VA and INTERACCESS in INTERACT II for quality assurance plan, VA Single-entry point and INTERACCESS development (March >> May)
- TA/RA Call for s/s 2021 and a/w 2021-22 (Aug)



Approaching Milestones

1) →

2) →

3) →

1) →

MS31	M3.1 INTERACCESS help-desk v2 operational and in use	WP3	4 - UOULU	1	Help-desk operational and in use
MS32	M3.2 TA User Group and access modality selection process refined in collaboration with SMF	WP3	4 - UOULU	3	Flow-chart on access modality selection completed
MS33	M3.3 Transnational Access in operation	WP3	4 - UOULU	4	First TA Call announced
MS34	M3.4 INTERACCESS system updates (TINDERACT –tool, Station Administrator Interface, Key Indicator statistics) operational and in use	WP3	4 - UOULU	9	System updates operational and in use
MS35	M3.5 TA Ambassadors nominated and in operation	WP3	4 - UOULU	12	TA Ambassadors nominated and in operation



INTERACT II >> important for summer 2020

- All travel reimbursements must have left your account to TA Users / institutions by end of Sept >> otherwise you cannot declare the costs in PR3
- Consider purchasing the flight tickets to TA Users in advance >> will speed up the process
- Urge the TA Users to submit travel claim/institutional invoice immediately after their access visit >> state that the costs cannot be reimbursed anymore after September

Thank you!



Looking forward to collaborate with you!

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