

# NCP Info Day 25 November 2019

## Science Education

**Wolfgang BODE**, Spreading excellence and  
widening participation, Science with and for  
Society (REA.B5)  
Project Officer

# Overview



- 1. Science Education in SwafS**
- 2. Project portfolio**
- 3. Useful links**



# Science education



## Project portfolio (1)

Project (acronym)	Budget (€)	Dates	Coordinating institution	Country Coordinator	Country Other partners	Key features	Website
<b>SEAC-1-2014-2015 Innovative ways to make science education and scientific careers attractive to young people (RIA, CSA)</b>							
MultiCO	1.4 M	01-08-2015 30-11-2018 Ended	ITA-SUOMEN YLIOPISTO	FI	EU: EE, DE, UK, CY	Public engagement, Responsible Research and Innovation (RRI), Science education, Informal science education, Formal science education, secondary school students (ages 13 to 15), context- and inquiry-based science studies, science careers	<a href="http://www.multico-project.eu">www.multico-project.eu</a>
PERFORM	2.0 M	01-11-2015 31-10-2018 Ended	FUNDACIÓ PER A LA UNIVERSITAT OBERTA DE CATALUNYA	ES	EU: ES(2), UK(3), FR(3), AT	training, science education, science communication, Responsible Research and Innovation (RRI), STEAM, future innovation capability, excellence and competitiveness, secondary school students	<a href="http://www.perform-research.eu">www.perform-research.eu</a>
SciChallenge	1.3 M	01-09-2015 31-08-2017 Ended	SYNYO GmbH	AT	EU: CZ, SE, CY, SI, HU, AT, BE, UK	challenge, award, science, technology, engineering, math (STEM), education and public outreach, ages of 10 to 20, creative digital materials (videos, slides, or infographics), Open Information Hub, science careers	<a href="http://www.project.scichallenge.eu">www.project.scichallenge.eu</a> <a href="http://www.scichallenge.eu">www.scichallenge.eu</a>
CREATIONS	1.8 M	01-10-2015 30-11-2018 Ended	UNIVERSITAET BAYREUTH	DE	EU: UK(3), EL(3), FI, DE, MT, ES, SE, FR AC: CH, NO, RS	Creativity, Scientific Culture, Science education, STEAM, scientific careers, formal education, informal education, inquiry-based learning	<a href="http://www.creations-project.eu">www.creations-project.eu</a>
ER4STEM	1.6 M	01-10-2015 30-09-2018 Ended	TECHNISCHE UNIVERSITAET WIEN	AT	EU: BG, AT, EL, MT, UK, CZ	Creative STEM, Educational Robotics, Pedagogical innovations, Student workshops and conferences, Education: systems and institutions, teaching, ICT in education and learning, Science education, students aged 7 to 18, hands-on	<a href="http://www.er4stem.acin.tuwien.ac.at">www.er4stem.acin.tuwien.ac.at</a>
STIMEY	4.0 M	01-09-2016 30-11-2019 Running	UNIVERSIDAD DE CADIZ	ES	EU: DE(2), EL(2), FI, ES TC: BY	Science Technology, Innovation, Mathematics, Engineering Education, Science, STEM, Children, Teachers, Robot, Game, Entrepreneurship, Education and public outreach, competitiveness, age 10 to 18 years old	<a href="http://www.promostimey.uca.es">www.promostimey.uca.es</a>
EDU-ARCTIC	1.8 M	01-05-2016 31-07-2019 Ended	Instytut Geofizyki Polskiej Akademii Nauk	PL	EU: PL, FR AC: NO, FO, IS	STEM skills, Arctic, educational programme, polar region, interactive education, e-learning, Informal science education, innovative online tools, age of 13 to 20, Polarpedia, Arctic competitions, Monitoring system, Teachers workshops and trainings, interaction with real-time scientific work	<a href="http://www.edu-arctic.eu">www.edu-arctic.eu</a>
STEM4youth	1.8 M	01-05-2016 31-10-2018 Ended	POLITECHNIKA WARSZAWSKA	PL	EU: EL(2), SI(2), IT, CZ, ES(3)	Learning by experiment, Citizen science experiments, Enquiry based learning, Interactive science story, Engineering design process, Hands-on activities in science learning, Open access, Science education, Science Communication, students aged 14-19, Formal and informal education	<a href="http://www.stem4youth.eu">www.stem4youth.eu</a>
UMI-Sci-Ed	1.8 M	01-06-2016 31-05-2019 Ended	INSTITUTO TECNOLÓGICAS YPOLOGISTONKAI EKDOSEON DIOFANTOS	EL	EU: IE, IT(2), FI, BE AC: NO	Ubiquitous; Mobile Computing; Community of Practice; Internet of Things; Scientific Career Consultancy, Education: systems and institutions, teaching, ICT in education and learning, Science education, Science Communication, Gender in education	<a href="http://www.umi-sci-ed.eu">www.umi-sci-ed.eu</a>
Marine Mammals	1.8 M	01-09-2016 31-08-2019 Ended	CHRISTIAN-ALBRECHTS-UNIVERSITAET ZU KIEL	DE	EU: BE, PL(2), DK, DE(3), SE	Science education, teacher training, marine biology, marine mammals, Education and public outreach, summer schools for secondary school students, first hand insights, scientific careers, outreach materials and activities	<a href="http://www.marine-mammals.com">www.marine-mammals.com</a>

# Science education



## Project portfolio (2)

Project (acronym)	Budget (€)	Dates	Coordinating institution	Country Coordinator	Country Other partners	Key features	Website
<b>SEAC-2-2014</b> Responsible Research and Innovation in Higher Education Curricula (CSA)							
EnRRICH	1.50 M	01-07-2015 31-03-2018 Ended	VRIJE UNIVERSITEIT BRUSSEL	BE	EU: UK, IE (2), IT, DE (2), HU, NL, ES, FR, LT	Community knowledge exchange, co-creation of knowledge, Education: systems and institutions, teaching, Public engagement, Responsible Research and Innovation (RRI), civil society organisations, RRI tools, science shops	<a href="http://www.livingknowledge.org/projects/enrich/">www.livingknowledge.org/projects/enrich/</a>
HEIRRI	1.50 M	01-09-2015 31-08-2018 Ended	UNIVERSIDAD POMPEU FABRA	ES	EU: ES (3), DK, AT, HR, BE AC: NO	Social needs and values, Governance, Problem based learning methodology, eLearning, MOOC, Multimedia Learning, Social Media, Science Centers and Museums, Open access, International cooperation, Higher education, Responsible Research and Innovation (RRI), Ethics in research and innovation, Problem based learning methodology, multimedia materials	<a href="http://www.heirri.eu">www.heirri.eu</a>
<b>Swafs-15-2016</b> Open Schooling and collaboration on science education							
OSOS	3.0 M	01-04-2017 31-03-2020 Running	ELLINOGERMANIKI AGOGI SCHOLI PANAGEA SAVVA AE	EL	EU: NL(2), ES, IE, DE, FI, EL(2), FR(2), IT, PT(2), LU, BG AC: IL(2) TC: AU, USA (special agreement)	Open Schools, Science Capital, Science Education and Careers, Responsible Citizen, School education, Science education, Non-formal education, Education policy, Informal education, local partnerships,	<a href="http://www.openschools.eu">www.openschools.eu</a>
<b>Swafs-11-2017</b> Science education outside the classroom							
SySTEM 2020	3.0 M	01-05-2018 30-04-2021 Running	TRINITY COLLEGE DUBLIN	IE	EU: NL, BE(2), FI, AT(2), SI, IT, EL(2), DE, PT, BG, FR, CZ, SE, ES AC: RS, IL	science education, non-formal education, science learning outside the classroom, age group between 9 - 20 years, geographically remote, socio-economically disadvantaged, minority and/or migrant communities	<a href="http://www.system2020.education">www.system2020.education</a>
CoM_n_Play-Science	3.1 M	01-06-2018 31-05-2021 Running	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET	NO	EU: FI, EL, NL, SE, DE, MT, ES, AT, UK (2) TC: USA (special agreement)	informal science learning, coding, making, play, games, creativity, science education, non-formal education, STEM/STEAM education, RRI, science capital, formal science education, scientific citizenship	<a href="http://www.comnplayscience.eu">www.comnplayscience.eu</a>
<b>Swafs-01-2018-2019</b> Open schooling and collaboration on science education							
SEAS	1.6 M	01-09-2019 31-08-2022 Running	UNIVERSITETET I OSLO	NO	EU: AT(2), SE(3), BE(2), IT(2), EE, UK AC: NO	Sustainability education, Scientific literacy, Transformational action, Tools and Resources, Knowledge Development across Institutions, Education: systems and institutions, teaching, Informal science education, Formal science education, inquiry-based science learning, open schooling, scientific literacy skills, interest in science education and careers, science education inside and outside of the school	<a href="http://www.seas.uio.no">www.seas.uio.no</a>
PULCHRA	1.5 M	01-09-2019 31-08-2022 Running	ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	EL	EU: DE, PL, CZ(2), RO, IT, LV, EL, SE, CY, IE	Urban ecosystems, City Challenges, knowledge triangle, innovation, international cooperation, School education, Adult education, Informal science education, open schooling	
OSHub	1.5 M	01-10-2019 30-09-2022 Running	UNIVERSITEIT LEIDEN	NL	EU: IE, IT, CH, AT, FR, CZ, PT, EL	Open Schooling, Informal education, STEAM, Inquiry-Based Science Education (IBSE), Responsible Research and Innovation (RRI), Open Standards, local communities, new partnerships, age group: from school children to senior citizens, science careers	
PHERECLOS	1.5 M	01-10-2019 30-09-2022 Running	KINDERBURO UNIVERSITAT WIEN GMBH	AT	EU: AT(3), PL(2), NL(2), DK, FI, PT, IT, RO, UK TC: CO	Innovative cooperation in education, Children's Universities, Third Mission, Open Schooling, Open Badges, School education, science capital, Children's Universities (CUs), Local Education Clusters (LECs), education ecosystem, formal and non-formal education, critical thinking, informed decision making, STEAM	
<b>TOTAL</b>	<b>36.1 M</b>						



# Science Education



## Coordinators

### Member States

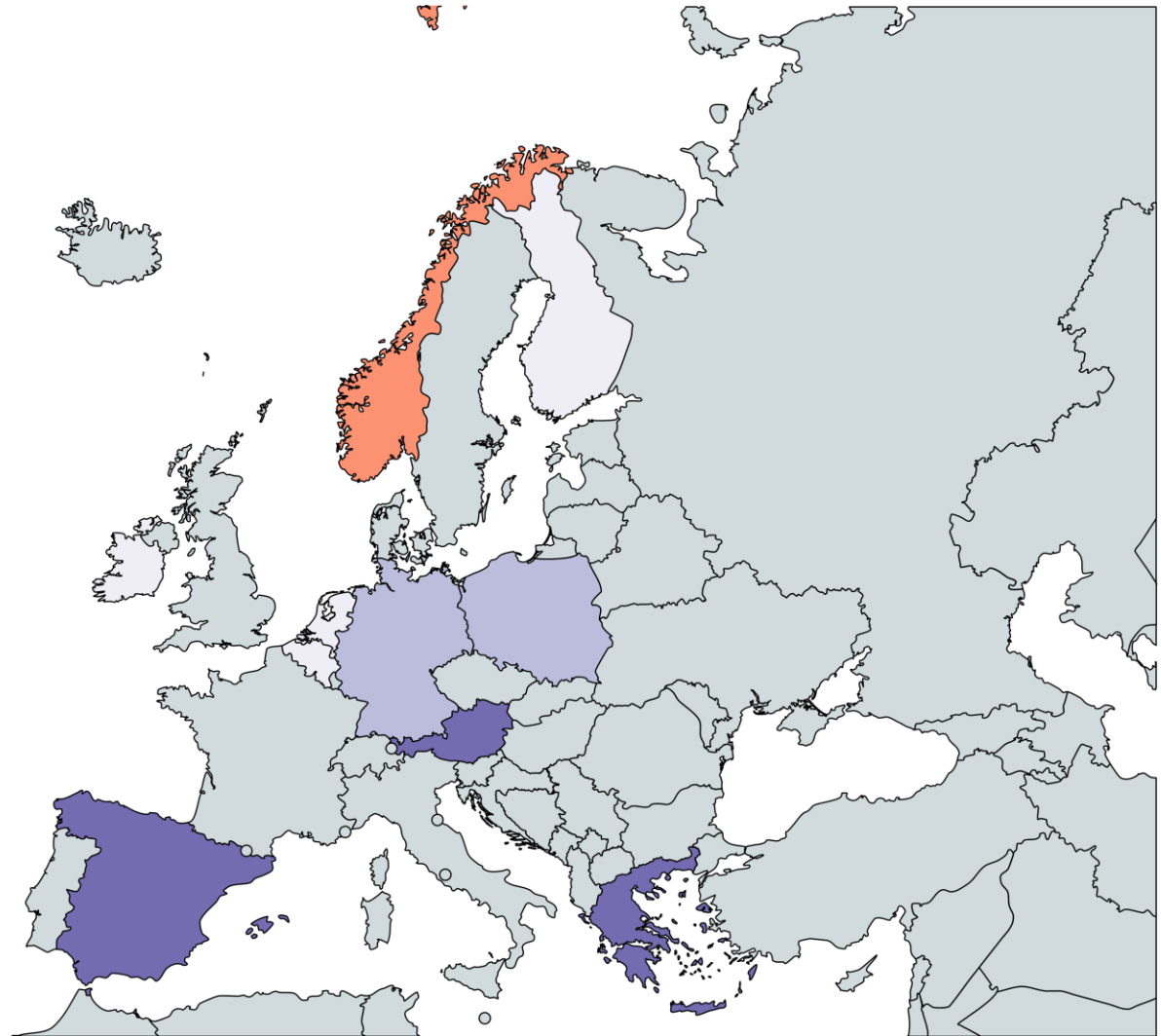


### Associated Countries



Total number of  
Science Education  
projects - 19

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Research  
Executive  
Agency

# Science Education



## Partners (MS and AC)

### Member States

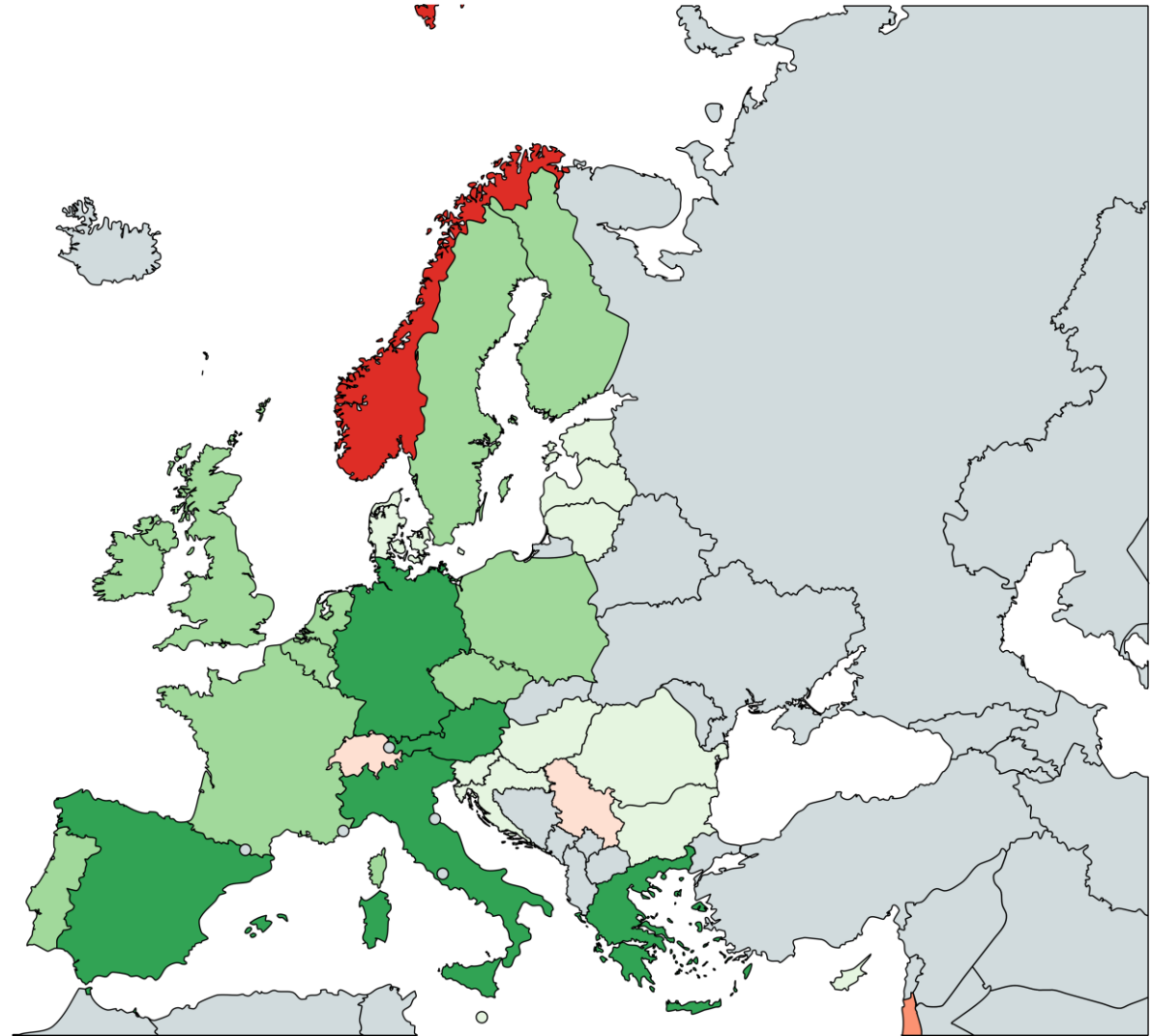
- 1-5
- 6-10
- 11-15

### Associated Countries

- 1-2
- 3
- 5

Total number of  
Science Education  
participants - 127

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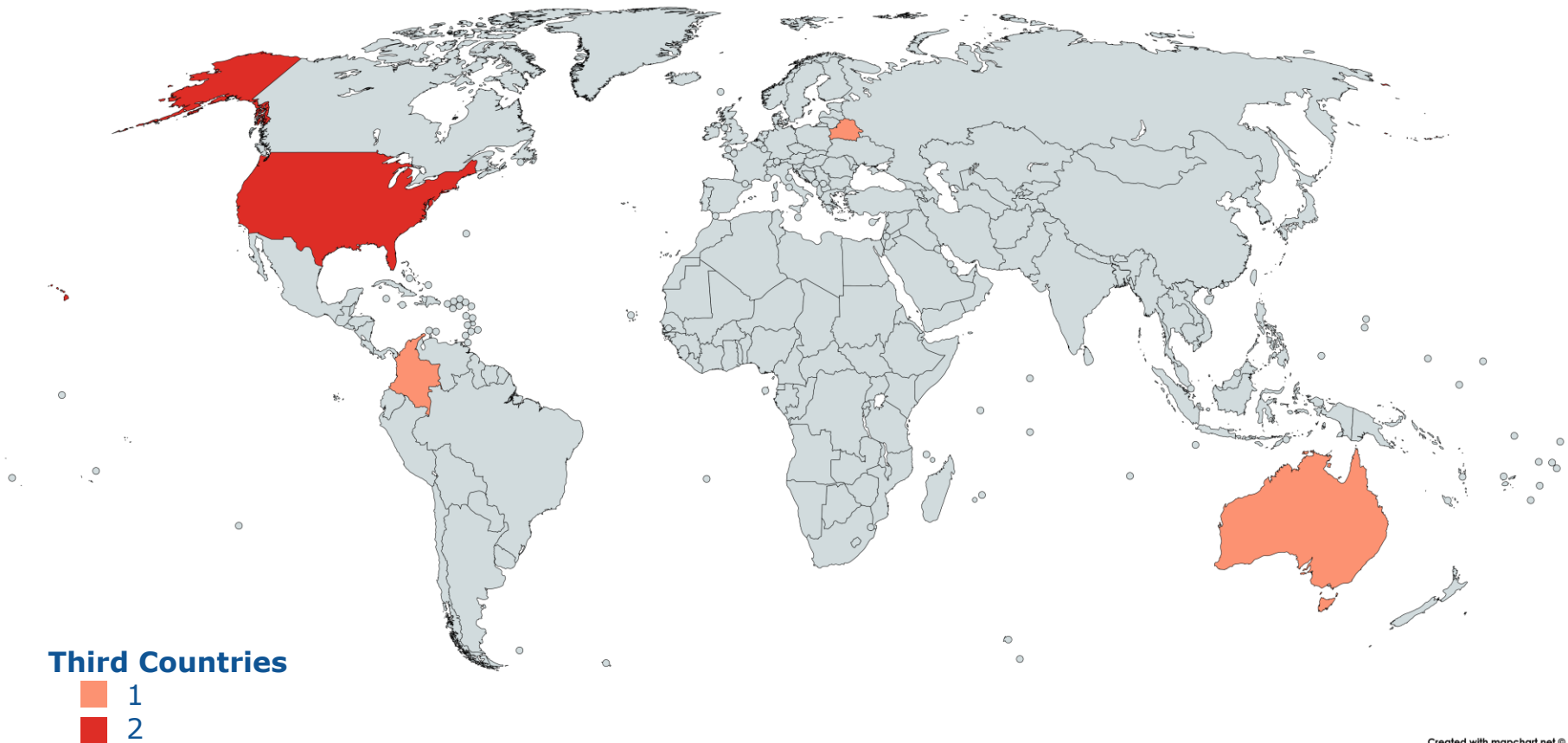


Research  
Executive  
Agency

# Science Education



## Partners (TC)



Total number of third country participation in Science Education - 5

# Useful links



## Useful links

- [Portal](#)
- [CORDIS](#)
- [Horizon 2020 dashboard](#)
- [SwafS Work Programme](#)

