

**Dissemination Plan***February 2022*

University of Paderborn

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**Project Title:** Open Educational Resources for Teachers

**Acronym:** STEM in Action

**Reference number:** 2020-1-TR01-KA203-094309

**Project partners:** P0 – Tarsus – Tarsus Üniversitesi, TR(Coordinator)

P1 – UPB – University Paderborn, DE (Partner)

P2 – Pi – Pi Privte Company, GR (Partner)

P3 – Unzig – University Of Zagreb Unizg, HR (Partner)

P4 – Vives – Katholieke hogeschool vives zuid, B (Partner)

P5 – UCV – Universitatea din Craiova, RO (Partner)

P6 – CIT – Cork institute of technology, IR (Partner)

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## Introduction

The Dissemination Plan for the Erasmus+ project STEM in Action is designed on the basis of the five-stage model for dissemination and exploitation of the European Union.

The five strategic levels are described as follows:

1. A clear rationale for and objectives of dissemination and exploitation;

2. A strategy to identify which results to disseminate and to which audiences – and designing programmes and initiatives accordingly;

3. Determining organisational approaches of the different stakeholders and allocating responsibilities and resources;

4. Implementing the strategy by identifying and gathering results and undertaking dissemination and exploitation activities;

5. Monitoring and evaluating the effects of the activity.

This document will be used by partners as a guide to their efforts to enhance the dissemination and exploitation action results within the framework of the STEM in Action project. Firstly, the Dissemination Plan defines the rationale of the STEM in Action project and provides an overview, identifies the Dissemination Objectives and the Target Groups which will be addressed during the dissemination process. Secondly, the Dissemination Plan identifies the Partner Dissemination Responsibilities, Dissemination Strategies and Means of Dissemination, which will be employed in order to reach the objectives of the STEM in Action project and address the target audiences effectively.

## Overview of the Erasmus+ project STEM in Action

STEM – Science, Technology, Engineering, and Mathematics – is the field that helps children learn how to program, make codes, and understand technological devices. STEM courses foster creativity, problem-solving skills and enhance one’s career pathway.

Unfortunately, STEM is being taught in schools in an increasingly superficial and not innovative way. STEM subjects are often associated with a lack of understanding and failure among students at all levels of school.

The project **STEM in Action – Open Educational Resources for Teachers** takes this as its task to create a safe environment that allows the students to fall and try again. Consideration is also being given to how to make teaching more innovative and exciting to engage more students with STEM. This will be done through modernizing curricula, online tools and learning materials for Teachers. Especially teachers have a great influence on pupils. For this reason, the project will renew the teaching approach to how STEM is taught.

Seven organisations from Turkey, Belgium, Romania, Ireland, Germany, Croatia and Greece who are experienced in STEM will take place in the project. The project results are published in all seven languages for a wide audience. One of Educational objectives of Erasmus+ is to promote the open access of project outputs to support learning, teaching, training, and youth work. Our Project has the same objective.

Moreover, Erasmus+ supports that A common purpose is to ensure that skills and qualifications can be more easily recognized and are better understood, within and across national borders.

**Aims and objectives of STEM in Action – Open Educational Resources for Teachers**

• to exchange good practice across the partner countries through learning raids

• to provide tools, methodologies and approaches to facilitate the acquisition of needed skills with collaborative learning and teaching environments in STEM

• to increase interest of educators about the priorities to gain the competences that they need around STEM education.

• to develop collaborative partnership between schools and the universities in formal, nonformal and informal learning at the aim of strengthening the profile(s) of the teaching profession EU countries.

• to develop a website incorporating good practices including curriculum materials across partners and a virtual course for teachers

• to produce a range of curriculum materials in STEM area for teachers’ usage

• to upskill teachers in each partner county including knowledge

• to impact on pre-schools, primary, elementary, high schools, VET and university students career choices

**How will be trained?**

The teachers will be trained with free, interactive and participatory online courses for teachers which focuses on using digital technology and the creative Science, Technology, Engineering and Mathematics. There will be a flexible online course that teachers can join in with at a pace and depth that suits them.

**Target groups**

First and foremost, teachers of all school levels are the target group. In second place educators, future teachers, learners and researchers benefit from the project as well as non-governmental organizations. Also 10 Academicians from 6 countries totally 60 Academicians and 10 technical staff from Greece will join the project actively and they will be responsible for Open Educational Resources for Teachers. At least 100 teachers from each country will benefit from these materials and they will use these materials for their students

**Project website:**

All information regarding the Erasmus+ project especially research results and outcomes as well as meetings information and meeting presentation are available at the STEM in Action project website. This page is managed by the project partner University of Paderborn. A link to the project pages of the other partners can also be found there.



https://stem-in-action.eduproject.eu/?page\_id=71

## STEM in Action project Outcomes

**Outcomes: Teachers/Trainers/Researchers/Youth workers**

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| O1: STEM in Action – Online STEM Trainer Training Course |
| O2: STEM in Action – STEM Trainer Training Curriculum |

**Outcomes: Technicians**

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| O1: STEM in Action – Online STEM Trainer Training Course |
| O2: STEM in Action – STEM Trainer Training Curriculum |

**Transnational Project Meetings (TPM)**

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| **TPM1: STEM in Action – Kick-Off Meeting – Turkey****Three** participants from each partner organisation take part in the meeting.It takes place in the **2nd months**. The meeting includes: * decisions regarding the project schedule
* budget management
* planning activity dates
 |
| **TPM2: STEM in Action – The 2nd International Meeting – Croatia****Two** participants from each partner organisation take part in the meeting It takes place in the **15th months**. The meeting includes: * recent project results
* implementation deficiencies
* evaluation
* distribution tasks and dates for the dissemination calendar
 |
| **TPM3: STEM in Action – The 3rd International Transfer Meeting – Belgium****Two** participants from each partner organisation take part in the meeting It takes place in the **23th months**. The meeting includes: * general assessment of the intellectual outputs
* activities and reproductive activities
* evaluate project outputs, printed materials and surveys
* assessment of ongoing dissemination
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**Multiplier Events**

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| **E1 STEM in Action – Croatia STEM Day** On 8 November is STEM Day. In the United States is STEM Day an unofficial holiday, which celebrates science, technology, engineering and mathematics (STEM) education throughout the country.We follow the idea and also celebrate this day in three partner countries to improve the awareness of STEM - in the partner countries: Croatia, Germany and Ireland. Tasks:* Teachers will incorporate STEM activities into their classroom on November 8, 2021
* Share the innovative activities under a hashtag like **#CroatiaSTEMDay**
* Students can be involved with STEM learning inside and outside of the classroom
* Companies can be volunteer to speak at a local school about their STEM career

Goals of the STEM Day: * Strengthen public awareness on the role of science for peaceful and sustainable societies
* Promote national and international solidarity for shared science between countries
* Renew national and international commitment for the use of science for the benefit of societies
* Draw attention to the challenges faced by science and raising support for the scientific endeavour

**A minimum of 50 local participants (especially teachers) will attend this event. Also 1 participant from the other partners that won’t celebrate that day will join the celebration (Turkey, Greece, Romania and Belgium)** |
| **E2 STEM in Action – Germany STEM Day – Germany**On 8 November is STEM Day. In the United States is STEM Day an unofficial holiday, which celebrates science, technology, engineering and mathematics (STEM) education throughout the country.We follow the idea and also celebrate this day in three partner countries to improve the awareness of STEM - in the partner countries: Croatia, Germany and Ireland. Tasks:* Teachers will incorporate STEM activities into their classroom on November 8, 2021
* Share the innovative activities under a hashtag like **#GermanySTEMDay**
* Students can be involved with STEM learning inside and outside of the classroom
* Companies can be volunteer to speak at a local school about their STEM career

Goals of the STEM Day: * Strengthen public awareness on the role of science for peaceful and sustainable societies
* Promote national and international solidarity for shared science between countries
* Renew national and international commitment for the use of science for the benefit of societies
* Draw attention to the challenges faced by science and raising support for the scientific endeavour

**A minimum of 50 local participants (especially teachers) will attend this event. Also 1 participant from the other partners that won’t celebrate that day will join the celebration (Turkey, Greece, Romania and Belgium)** |
| **E3 STEM in Action – Ireland STEM Day – Ireland**On 8 November is STEM Day. In the United States is STEM Day an unofficial holiday, which celebrates science, technology, engineering and mathematics (STEM) education throughout the country.We follow the idea and also celebrate this day in three partner countries to improve the awareness of STEM - in the partner countries: Croatia, Germany and Ireland. Tasks:* Teachers will incorporate STEM activities into their classroom on November 8, 2021
* Share the innovative activities under a hashtag like **#IrelandSTEMDay**
* Students can be involved with STEM learning inside and outside of the classroom
* Companies can be volunteer to speak at a local school about their STEM career

Goals of the STEM Day: * Strengthen public awareness on the role of science for peaceful and sustainable societies
* Promote national and international solidarity for shared science between countries
* Renew national and international commitment for the use of science for the benefit of societies
* Draw attention to the challenges faced by science and raising support for the scientific endeavour

**A minimum of 50 local participants (especially teachers) will attend this event. Also 1 participant from the other partners that won’t celebrate that day will join the celebration (Turkey, Greece, Romania and Belgium)** |
| **E4 STEM in Action – Face-to-face STEM Education for Teachers in Turkey – Turkey**Teachers have a great influence on their students. In according to they are a role model for a career choice in the STEM field. Often teachers teach STEM only very superficially because they lack the necessary knowledge or know-how.Task: Teachers are taught teaching strategies in 15 hours spread over 5 days during the first week of the school year.The Face-to-face Multiplier Event contains: * Introduced to STEM reform along with its benefits and challenges
* Engaged in activities carefully selected and adapted to truly meet the targeted nature of the STEM integration
* Exposed to pedagogical methods for STEM instruction
* Worked in teams to create lesson plans based on the countries’ Department of Education STEM Integration Model

Goal: The goal of this face-to-face multiplier event is to enhance the Integration of STEM into the school day. |
| **E5 STEM in Action – Face-to-face STEM Education for Teachers in Romania – Romania**Teachers have a great influence on their students. In according to they are a role model for a career choice in the STEM field. Often teachers teach STEM only very superficially because they lack the necessary knowledge or know-how.Task: Teachers are taught teaching strategies in 15 hours spread over 5 days during the first week of the school year.The Face-to-face Multiplier Event contains: * Introduced to STEM reform along with its benefits and challenges
* Engaged in activities carefully selected and adapted to truly meet the targeted nature of the STEM integration
* Exposed to pedagogical methods for STEM instruction
* Worked in teams to create lesson plans based on the countries’ Department of Education STEM Integration Model

Goal: The goal of this face-to-face multiplier event is to enhance the Integration of STEM into the school day. |
| **E6 STEM in Action – Face to face STEM Education for Teachers in Belgium – Belgium**Teachers have a great influence on their students. In according to they are a role model for a career choice in the STEM field. Often teachers teach STEM only very superficially because they lack the necessary knowledge or know-how.Task: Teachers are taught teaching strategies in 15 hours spread over 5 days during the first week of the school year.The Face-to-face Multiplier Event contains: * Introduced to STEM reform along with its benefits and challenges
* Engaged in activities carefully selected and adapted to truly meet the targeted nature of the STEM integration
* Exposed to pedagogical methods for STEM instruction
* Worked in teams to create lesson plans based on the countries’ Department of Education STEM Integration Model

Goal: The goal of this face-to-face multiplier event is to enhance the Integration of STEM into the school day. |

**Learning, Teaching, Training Activities**

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| **C1: Short-term joint staff training events – Ireland**Topic: Staff Training for the Preparation of **Online STEM Courses*** **three** staff members from **GR**; **TR** and **DE** will join this LTT
* duration: seven days

Main Goals* participant will have a pathway to positive outcomes such as further learning
* participant academicians will be more self-motivated to understand the core issues of the project
* harness creativity and innovation through involvement in ‘live’ projects
* create meaningful opportunities to engage in a range of “hands on” work activities

Project aims* The experts from the Irish partner will teach the participant academicians how to develop “Online STEM Trainer Training Courses”. Every detail of the developing this tool will be covered in this LTT.
 |
| **C2: Short term joint staff training events – Germany**Topic: Staff Training for the Preparation of **STEM Trainer Training Curriculum*** **four** staff members from **BE**; **GR**, **HR** and **RO** will join this LTT
* duration seven days

Main Goals* participant will have a pathway to positive outcomes such as further learning
* participant academicians will be more self-motivated to understand the core issues of the project
* harness creativity and innovation through involvement in ‘live’ projects
* create meaningful opportunities to engage in a range of “hands on” work activities

Project aims* The experts from the German partner will teach the participant academicians how to develop “STEM Trainer Training Curriculum”. Every detail of the developing this tool will be covered in this LTT.
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**Timetable of the Erasmus+ project STEM in Action –**

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| **Due to the COVID- 19 pandemic, the Turkish National Agency agrees to a project duration extension of one year****New Project runtime after extension****until 30th of December 2023** |

**Old timetable:**



Figure 1: Screenshot Application STEM in Action, p.17.

**New timetable, adjusted to the new project runtime after extension**

## Dissemination Objectives

**General objective**

The Core dissemination and exploitation objective of a project is to maximise the impact of project results by optimising their value: by strengthening their impact, transferring them to different and new contexts, integrating them in a sustainable way and using them actively in systems and practices at local, regional, national, European levels as well as international background. Well-planned, structures and well-executed dissemination and exploitation ensure that project results have a reach beyond those directly involved in the consortium and an impact that is sustained beyond the project's lifetime by fostering the needs to ensure this aim.

**Specific objectives of the Erasmus+ project STEM in Action**

STEM in Actions’s main concern is to foster teachers at all school levels. As already mentioned, the intellectual outputs are developing an online STEM course for teachers and also prepare a curriculum for STEM education for teachers.

The following specific objectives of dissemination for the STEM in Action project are associated with this main concern:

* carry out “local surveys” about the attractiveness of STEM disciplines
* design and develop STEM Modules implementation and running of a series of activities aimed at promotion STEM disciplines among teachers.
	+ These will include online courses, face to face courses, technical visits of the teachers to the partner HEIs and short trainings and the social network
* Disseminate information on the project overview and findings as well as research results to the wider community, as well as to specific audiences, learners, teachers as well as trainers.
* promoting STEM and associated careers across partners by enhancing the knowledge and skills of teachers/educators
* Raising attention and interest in the field of STEM
* Contribute knowledge in the research and practitioners’ communities.
* Use the knowledge from this project to improve the quality of education offered.
* promotion of STEM Education in EU including the identification of examples of good practice for increasing the number and quality of teachers and students on engineering/technology programmes
* The online STEM courses will be free and open to every teacher, so by this way teachers will be able to reach these resources from everywhere

## Target Groups of the Erasmus+ project STEM in Action

To achieve the interest of a wide and heterogenic audience each partner should spend considerable time on establishing “who” is expected to use the project's results in their country and taking account of their needs. This should include all potential users, not just those from the immediate consortium.

Partners’ plans should allow for consultation with, and the involvement of, users during the project's lifetime, as well as after the project’s completion.

To sum up the main target groups of the Erasmus+ project STEM in Action, the consortium addressed the following /categories of target groups by using different methods of dissemination strategies:

**Category international dimension:**

**(**This is ensured by the international partnership)

* Teachers in all educational fields
* Future teachers in all educational fields
* STEM Teachers (especially at the STEM-Day)
* Learners and students in all educational fields
* Interested person in teaching and learning online formats
* European policy makers
* Non-governmental organizations

**Category national dimension:**

(This is ensured by the regional dissemination i.e. at the university)

* Teachers in all educational fields
* Future teachers in all educational fields
* STEM Teachers
* National authorities and policy makers
* Non-governmental organizations

Whether internationally or nationally, the goal is to get students excited about STEM, which is done primarily through teachers. Among other things, teachers have the greatest influence on the professional development of their students.

## Dissemination Strategies

The different categories of results may require different approaches for dissemination and exploitation. The plan will include 'scanning' activities that will help partners identify a broader range of groups, as well as means to capture and respond to the needs of these groups.

**Dissemination**

Dissemination can be defined as a planned process of providing information to key parties on the quality, relevance and effectiveness of the results of programmes and initiatives. It occurs as and when the results become available. To achieve this, all STEM in Action partners will employ all available means of communication to inform and convince all target groups about the quality, relevance and effectiveness of the STEM in Action project results, activities and educational material.

**Sustainability and Exploitation**

Sustainability and Exploitation are closely related, as sustainability is ensured by sustaining exploitation. Exploitation means *"making use of and deriving benefit from a result."* This means that sustainability is only guaranteed if the uses of, and benefits from, the project continue well beyond the project’s completion. This target will be pursued, from the beginning, by all partners.

In the context of project results Exploitation primarily involves the two processes of 'mainstreaming' and 'multiplication', where:

- ***mainstreaming*** is the planned process of transferring the successful results of programmes and initiatives to appropriate decision-makers in regulated local, regional, national or European systems; and

- ***multiplication*** is the planned process of convincing individual end-users to adopt and/or apply the results of programmes and initiatives.

**Exploitation of the STEM in Action project**

In the context of the STEM in Action project, the project exploitation is expressed as follows:

* Article publication in specialized magazines
* Attendance to conferences:
	+ Face-to-face in the university
	+ Department
	+ With peers or the community
* Professional networks and mail groups,
* Create leaflets of information,
* Reports and briefings

**Sustainability of the STEM in Action project**

Related to the STEM in Action project, the project is sustainable because:

* It will provide resources and tools which will be available online which can be used across national boundaries
* It will train staff across national boundaries who can further cascade the training and methodologies
* It will establish a network which will have the ability to replenish itself and grow
* It will not be restricted to the small group of partners but have the ability to embrace a wider network of partners
* The powerful results and outcomes will make it best practice
* The case studies (developed on websites as part of its intervention resources) and learning materials will be transportable to other practices and programmes
* The project offers a certificated programme with the potential for accreditation across Europe

## Means of Dissemination

The project coordinator (Tarsus University) develops a **five** steps dissemination plan. Partners should employ

1. **The first step of dissemination is Social Media.**

The partner can use Social Media platforms like eTwinning, Facebook and other Erasmus accounts to share the outputs of the project to reach more people. The lead partner (Turkey) and Greek partner will be responsible for the management of social media accounts (facebook, twitter, Instagram, LinkedIn etc.)

1. **The second step of dissemination is sharing soft copy materials**

Each partner will create an online logo and posters. All partners vote together on a logo, which is published on social media.

1. **The third step of dissemination is Handing out Hard copy materials**

Each country will responsible for their hard copy materials. They will prepare and press Flags, T-shirts, Notebook, File, Magnet and Bookmark of the project.

1. **The fourth step of dissemination is Visibility Activities**

Every partner will prepare and hang a Signboard on the organization wall. Every partner will prepare a banner and Swallowtail Flag. They will use these during the project and will hang them on the wall. Furthermore, every partner will have to make a least one news in local newspapers about the project.

1. **The fifth step of dissemination are Face-to-face Activities**

Local people will be invited to the universities. There will be informative project meetings to teachers, school staff, students and school headmasters organized by each school.

## Partners’ Dissemination Responsibilities

Tarsus University is responsible for leading the dissemination activities and all other partners are responsible for supporting the dissemination strategy in their own countries. Each partner will host a Multiplier Event in his home country and spread a wide variety of different dissemination materials to the interested audience – this will be even after the project lifetime in. Moreover, it is expected that the project partners themselves will be a guarantee for the sustainability of the results as they will continue to implement the promotion activities for STEM disciplines in their institution as well as exploit them through their network of partners.

Additionally, each partner will strive to:

* publicise the project website
	+ the project website provides the potential stakeholders and interest groups with an opportunity to express
	+ the created project website contains documents, reports, newsletters, blogs and linkages to the forums of social media
* publish information on the Erasmus+ project STEM in Action and its results on websites
* publish at least one news in local newspapers about the project.
* publish articles in local and international journals
* post info letters and invitations via regular mail
* distribute digital newsletters, announcements, and information via e-mail
* use online social networks to disseminate information on the STEM in Action project and its results
* Create an online logo and posters, with all partners voting on the common logo.
* distribute print material at conferences and meetings like flags, t-shirts, Notebooks, File, Magnet and bookmarks of the project
* prepare and hang a Signboard on the organization wall as well as a banner and Swallowtail Flag
* organise one Multiplier Event in his home country
	+ celebrating STEMDay as a multiplier event (Ireland, Germany and Croatia)
	+ face to face multiplier event (Belgium, Romania and Turkey)
* provide convincing examples and demonstrations to stakeholders
* engage users actively in the project

In detail for the University of Paderborn (Germany):

1. create a STEM network (enterprises, vocational schools, ministries, chambers, governmental organisations, NGOs etc.)
2. display the project standardized description (title, acronym, objectives, partnership, activities, expected results) on the institutional webpage (approx. 250 visitors /month)
3. A Facebook page will be established for the STEM in Action project and all partners and a broad audience will sign up.
* It will be used to spread news about the project, the partners and the funding agency. This Facebook page will be maintained as a communication channel throughout the project life-cycle for sharing news about key developments, photographs of events, case studies, etc. Also, other social media approaches will be set up. The use of Twitter and YouTube is in focus, too. (estimate: 100 visitors/month)
1. Display project poster and provide information in the teacher study modules at the university (approx. 150 persons/year)
2. Organize Information meetings about the project with the staff of UPB (25 persons)
3. Distribute project dissemination materials (poster, flyer, brochure, etc.) stakeholders and to large public (minimum 500 persons);
4. Perform a Multiplier Event (ME) and Learning, Teaching, Training, Activities (LTTA)
5. Publish at least three scientific papers on sector-related strategies and eLearning activities as well as about the project (approx. 300 readers each).
6. Present project’s outcomes in national and international scientific events (seminars, workshops, conferences, round tables, etc.) (approx. 100 attendants)

Finally, each partner will keep a Dissemination Log, continuously evaluate the results of dissemination activities, and plan the next steps accordingly. Dissemination actions and results will be discussed in all project transnational meetings.

## Annex 1: Dissemination Log Template of STEM in Action

|  |
| --- |
| **PARTNER:** xxx |
| **ONLINE** |
|  **Publishing info/news on project’s website**  |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Establishment of relevant links to the STEM in Action website from other sites** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Distribution of digital newsletters, announcements, and info via e-mail** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Use of online social networks to disseminate STEM in Action info** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Other types of online activities/actions:** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **PRINT** |
| **Distribution of print material and STEM in Action products at conferences, and meetings, events, etc.** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Publishing of STEMinAction info in newsletters, newspapers, magazines, etc.** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Publishing of articles in local and international journals** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Distribution of info letters and invitations via regular mail** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Other print activities/actions:** |
| **FACE-TO-FACE** |  |  |
| **Organised conferences** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Organised seminars, workshops, panels, symposia, etc.** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Presentations in local and international conferences** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Meetings with existing NGO leaders, potential new NGO leaders, local stakeholders, authorities, etc.** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Organised exhibitions of STEMinAction material** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Utilisation of project products in relevant settings** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Demonstrations of project material to stakeholders** |
| **Titles, short description, names, web-addresses etc.** | **Date and Place:** | **Target Group(s):**  | **Numbers Reached:** | **Kind of documentation available** | **Level (L = local; R = regional; N = national; E = EU; O = Outside EU )** |
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| **Other face-to-face activities/actions:** |
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| **Other dissemination activities:** |  |  |