

**BOTSTEM**  
**roBOTics and STEM education for children and primary schools**  
Erasmus+ KA2 Project n°: **2017-1-ES01-KA201-038204**

**GENERAL DISSEMINATION QUANTITATIVE AND QUALITATIVE  
REPORT**

Mid-term Report 12.11.2018

**Polo Europeo della Conoscenza**



The general dissemination report analysis is based on the dissemination activities undertaken by the partners under a qualitative and quantitative perspective during the period from the 1<sup>st</sup> of September 2017 to the 12 of November 2018. The Quantitative data is determined by the number of activities, the geographical impact and the number of persons / audience. The qualitative part is based on the data collected about the dissemination on the project target groups.

Therefore the indicative measures will be given in general adding all the activities undertaken by all the partners, remaining to the single partner report the dissemination completeness. At this stage of the project there are activities and material to disseminate and all the partners made a huge effort to valorize and make the public aware of the proceeding steps of the project itself. The results achieved in the 14 months of the project, show the strong impact of the project's dissemination and results in term of involvement of the target groups in the following exploitation project dimension.

Our task therefore was following 4 main streamlines:

- A. Geographical level – number of participants and possible public
- B. Target group (quantitative and qualitative level)
- C. Dissemination Contexts
- D. Dissemination Contents

**A: Geographical Level and Number of Participants**

Regional / Local Level  
National Level  
European Level  
International Level

**B. Dissemination Target group (quantitative and qualitative Level).**



As mentioned in the Dissemination Guidelines:

**At Local and Regional Level**

- University professors
- PhD. and Postdoc Researchers;
- Educators;
- Trainers;
- In-service teacher's trainers
- Local educational institutional actors;
- Schools
- Universities
- Specific Parent's and Associations of Experts

**At National Level**

- Childhood and Primary Education teachers;
- Lecturers and Professors (University)
- Non-formal and informal education trainers.
- Other staff of education organisations, including heads of institutions;
- Relevant staff in national education ministries, including local and regional branches;

**At European/International Level**

- European Associations for Education ;
- European Communication Research and Education Association (ECREA);
- Public.

**C. Contexts of the Dissemination**

Conferences

Workshops

Information meetings

Contact Seminars

Media: Newspaper articles, Television interview / newsletter

Distribution material: Leaflets and Brochures

Web tools: Website, Facebook, Other social networks, Video sharing websites

Mailing lists newsletter

Multiplier events

Other project meetings

**D. Dissemination Contents**

Project info, outcomes and outputs

Events

Aims of the project

Project Contents

Activities undertaken and future activities

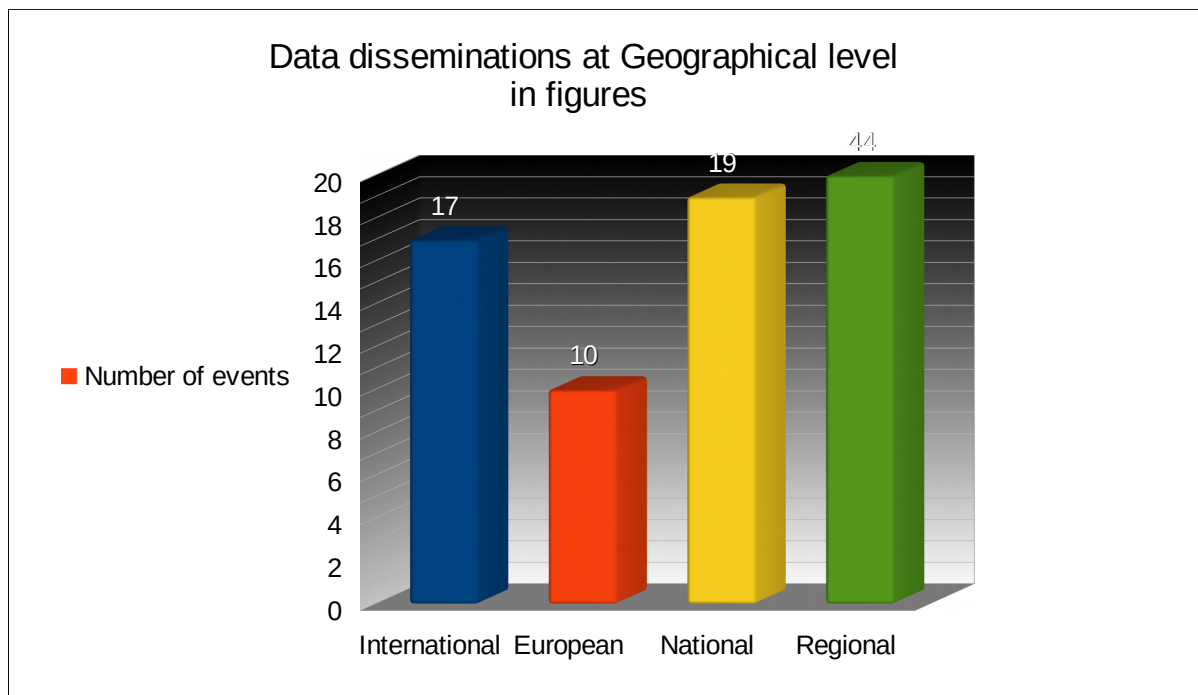
Newsletters

Toolkit (intellectual outcome of the project) and Platform  
training courses



## A. Geographical level

### Number and Geographical kinds of Dissemination Events

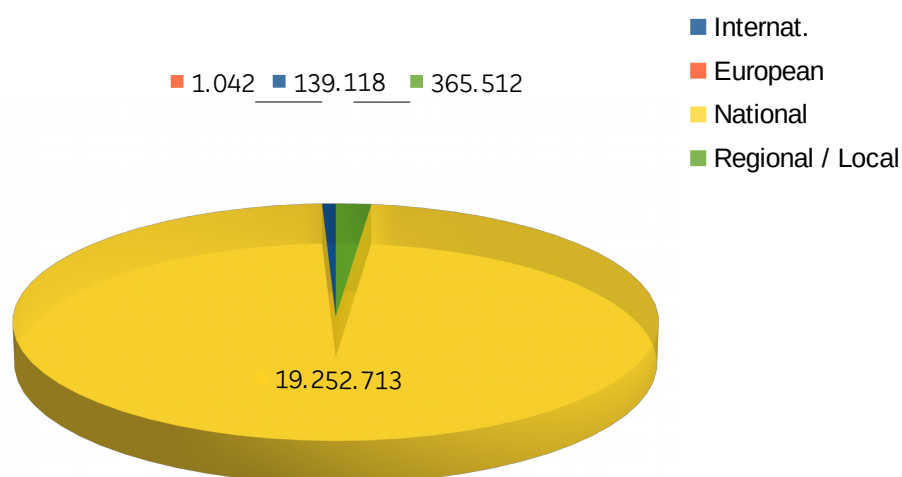


Level Target Geogr.	ES UBU *	S HKR	ITA Polo	CY IDEO	ES Adele	ES KVC	Total
<b>Intern.</b>	3	5	8		1		17
<b>European</b>	3		4			3	10
<b>National</b>	1	4	7	1	5	1	19
<b>Regional / Local</b>	8	27	1	5	2	1	44
<b>Total</b>	15	36	20	6	8	5	90

\* It includes: Facebook page and group, Initial website link [botstem.europole.org](http://botstem.europole.org) then became [www.botstem.eu](http://www.botstem.eu) all facebook and website data will be included under Burgos University coordinator



## NUMBER PARTICIPANTS PER GEOGRAPHICAL DISSEMINATION EVENT



## Number of participants / audience per geographical dissemination event and per Country

Level of the Target Group	ES UBU*	S HKR	ITA Polo	CY IDEO	ES Adele	ES KVC	Total
<b>Intern.</b>	75.989 **/**	181*	2948*		60.000		139.118
<b>European</b>	300		593			149	1042
<b>National</b>	300	169	123.412	252	19.128.580		19.252.713
<b>Regional / Local</b>	31.045	299.942	12.001	13.304	160	60	356.512
<b>Total</b>	107.634	300.283	138.954	13.556	19.188.740	269	<b>19.758.385</b>

\* It includes: Organizations Facebook page and group

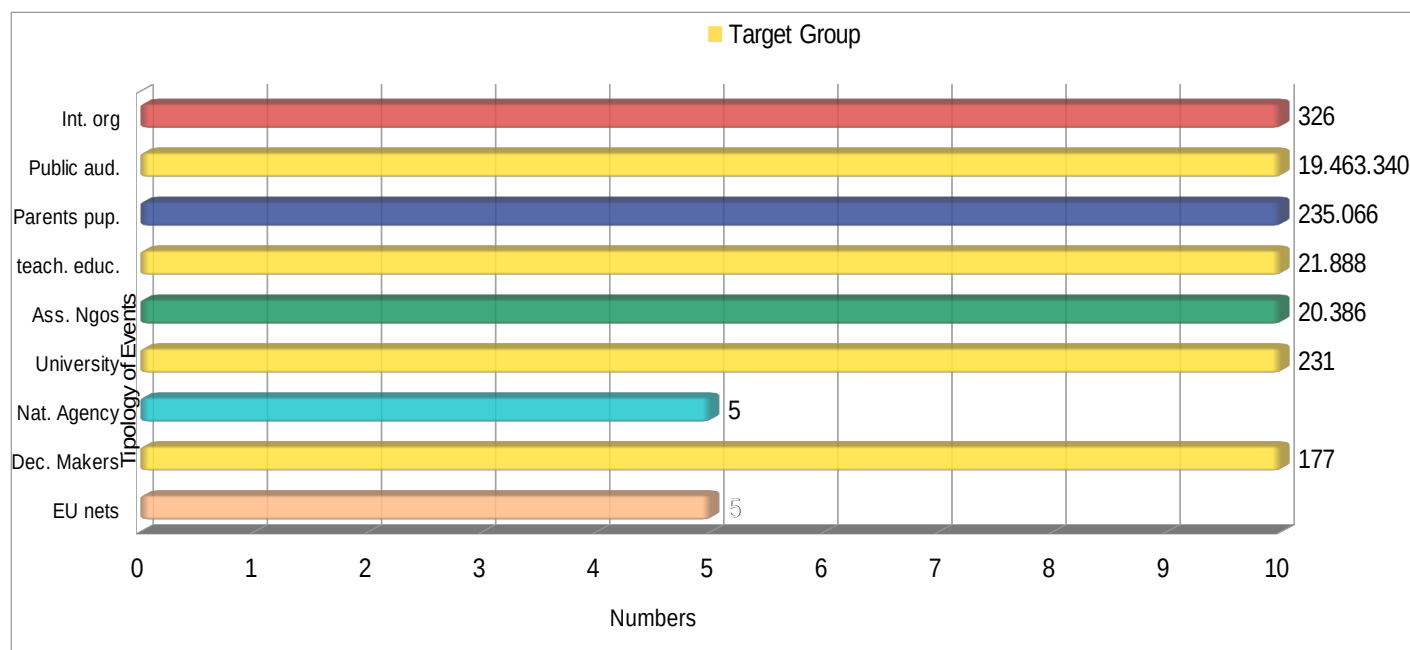
\*\* Initial website link botstem.europole.org then became [www.botstem.eu](http://www.botstem.eu) . All botstem website data will be included under Burgos University coordinator.



\*\*\* Facebook group: <https://www.facebook.com/groups/708218239368974/>

## B. Dissemination Target group (quantitative and qualitative Level)

### Percentage and target group numbers reached by the dissemination Activities



### Target groups (quantitative and qualitative level)

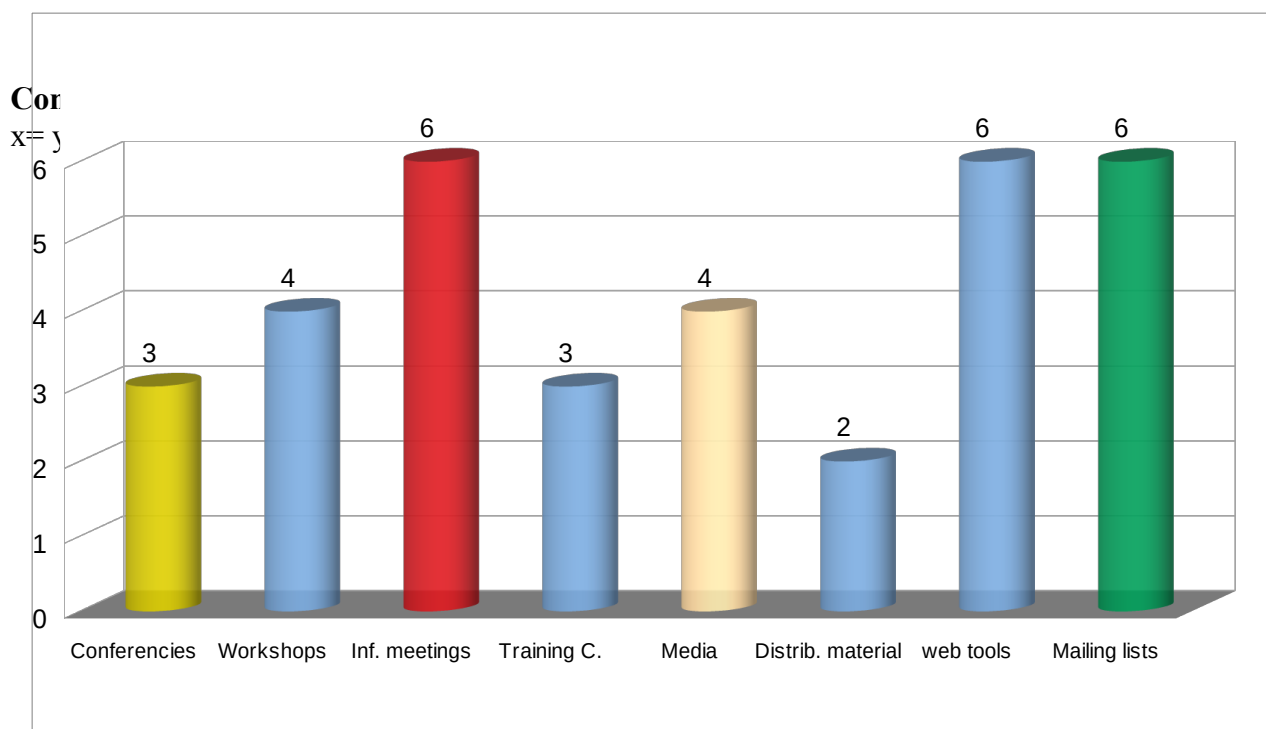
Target Groups	ES UBU	S HKR	ITA Polo	CY IDEO	ES Adele	ES KVC	Total
<b>Eur. Networks</b>		1	3		1		5
<b>Decision Makers</b>	45	30	59	43			177
<b>LLP National Agencies</b>			5				5
<b>Universities</b>	1	167	51	11		1	231
<b>Associations/ NGOs/ schools</b>		8	20.215	160	3		20.386
<b>Head masters/ teachers/educ., Univ. students, Academicians</b>	4.659	852	15.043	614	660	60	21.888
<b>Parents/pupils</b>	52.000	370	180.148	2.548			235.066
<b>Public Audience</b>	1000	262.231	29	72.000	19.128.080		19.463.340
<b>Internat./ Nat.</b>	1	5	318	1	1		326



organizations							
<b>TOTAL</b>	57.706	263.664	143.871	75.377	19.128.745	61	<b>19.741.424</b>

This data reveals the huge interests at Regional and National level about the topic originated by a real need, and increases the partners' responsibility to provide a concrete and effective answer to this wave of expectation from the audience. The other emerging data is the general partners' participation in organizing and using all the possible dissemination occasions, strategies and events at every geographical level.

### C. Contexts of Dissemination



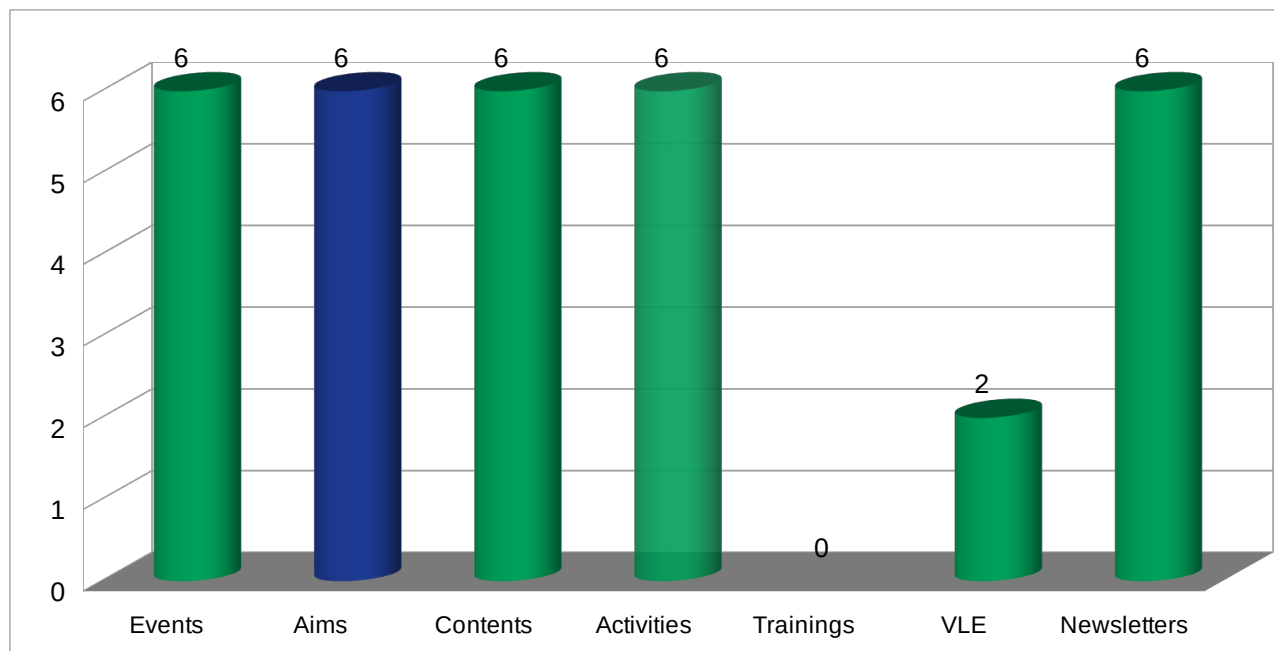
Contexts	ES UBU	S HKR	ITA Polo	CY IDEO	ES Adele	ES KVC	Total
<b>Conferences</b>	x	x	x				3
<b>Workshops</b>	x	x	x	x			4
<b>Information Meetings</b>	x	x	x	x	x	x	6
<b>Specific Training Courses</b>	x		x		x		3
<b>Media /video</b>	x	x	x		x		4
<b>Distribution Material</b>	x			x			2
<b>Website facebook</b>	x	x	x	x	x	x	6



<b>Mailing lists</b>	x	x	x	x	x	x	6
<b>Total</b>	7	6	7	4	5	4	34

Still a lot of work has to be undertaken concerning the distribution of the material, but at the moment the information flyers have been distributed in different contexts. . Also the participation to all the partners to access to the website and Facebook as dissemination tools is very active and attractive. The information concerning the website, at this stage of the project, is related to the partners' websites information links and material uploaded.

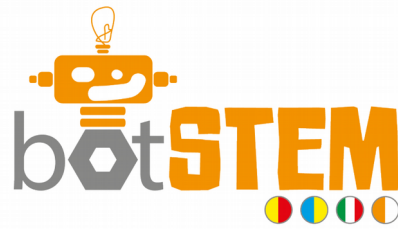
### D. Contents of dissemination



### Contents of dissemination data

x = yes

Contents	ES UBU	S. HKR	ITA Polo	CY IDEO	ES Adele	ES KVC	Total
<b>Project Events</b>	x	x	x	x	x	x	6
<b>Project Aims</b>	x	x	x	x	x	x	6
<b>Project contents</b>	x	x	x	x	x	x	6
<b>Activities</b>	x	x	x	x	x	x	6
<b>Training courses</b>							
<b>Platform</b>					x	x	2
<b>Newsletter</b>	x	x	x	x	x	x	6
<b>Total</b>	3	3	3	3	3	3	18



The Dissemination Contents have been mainly focused on National/ local events and meetings as a strategy to attract the audience and to create a strong local background around the project future activities and results.

Nevertheless, Botstem contents and activities were presented at European level through their presentation in two relevant conferences. Botstem Output 1 was presented at the 3rd Scientix Conference, that was held in Brussels in May 2018, being one of the 105 proposals selected ( from 324 presented). This conference, one of the most important at European level strictly related to STEM education, saw 352 participants attending it from 39 different countries, which included 32 policy makers, 13 representatives of Teacher Training Institutions (TTIs), 92 representatives of STEM organisations, 49 researchers, 12 industry representatives and 160 teachers. Also, Botstem content and activities were selected to be presented at the most relevant European conference in physics teaching, GIREP 2018 International Conference ( July 2018, San Sebastian, Spain) which main focus of 2018 edition was in physics teaching for primary school.

If we have in mind the values to be achieved in the dissemination campaign initially set in the project ( 10 press releases, 500 researchers, 3740 public audience, 15 policy makers, 1500 teachers), the dissemination at this stage of the project has been far beyond any expectation, and the projects' application from promises. This aspect is extremely important if considering that the project will produce and interesting quality and quantity of educational material, activities and contents to disseminate and motivate the partners to improve the process in proceeding of the project life when the training modules will be completed and tested in the training courses.