



Grant Agreement number: 511787 - LLP - 1 - 2010 - TR - KA3 - KA3MP

Table 3.5.1 Summary of Dissemination activities

Part No.	Name of organisation	Brief description of dissemination activity	Date(s) of dissemination activity	Where it took place	Which audiences were targeted in the dissemination activity
P1	DOGA SCHOOLS	The local workshop to Group Leaders of science teachers was organized.	05.09.2012	İstanbul, Turkey	10 science teachers (at upper-elementary and secondary school levels) of Doga Schools from different campuses in Turkey attended in İstanbul
P1	DOGA SCHOOLS	Media & Learning 2013 brought together policy makers, service providers and practitioners to explore the role of creativity and innovation in education and training against the backdrop of dramatic change in how, where and what learners learn. NTSE files, leaflets and bookmarks are distributed.	14-15.11.2012	Brussels,Belgium	282 participants from 41 countries <u>http://www.media-and-</u> <u>learning.eu/files/pdf/Media-and-Learning-</u> <u>2012_public_report.pdf</u>
P1	DOGA SCHOOLS	Workshop. Vocational school visit for Hacı Rahime Maritime Vocational High School students (20) was organized. Students visited Yakacık Doga Nanobiotech Lab and they worked on nano kits and was informed about the poster competition.	05.03.2013	İstanbul, Turkey	20 students.
P1	DOGA SCHOOLS	Workshop. The project experts visited the 30 Ağustos Female Technical and Vocational High School (50 students) in order to introduce virtual lab and announce the poster competition. Between October and November, 6 lessons on nanotechnology was given to 30 Ağustos Female Technical and Vocational High School students (26) in three school visits.	08.03.2013	İstanbul, Turkey	76 students.





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P1	DOGA SCHOOLS	At APMAS - International Advances in Applied Physics and Material Science Congress, the participants of Nano-Tech Competition were voted by the scientific jury in the semi-finals.	24.04.2013	Antalya, Turkey	There were 400 participants at the event.
P1	DOGA SCHOOLS	The conference, Joy of Sharing International Projects and Good Practices, was organized in Istanbul. The Project was presented to 200 participants consisting of EU Project partners and coordinators, "Nano Tech Science Education" Project experts, EACEA and Turkish National Agency representatives, students, teachers and parents of different target groups, decision makers, Governorship and partners of centralized and decentralized EU Projects.	08.06.2013	İstanbul, Turkey	200 Teachers, Parents, Head Masters, DELEGATES OF NA, e-twinning ambassador
P1	DOGA SCHOOLS	The announcement of the European project including NTSE. <u>http://www.dogakoleji.com/dogabasin/yazilibasin</u> <u>detay.php?ID=1038</u>	20.06.2013	İstanbul, Turkey	Internet users (public access)
P1	DOGA SCHOOLS	Nano-science camp. Between 30 June and 6th July 25 teachers (experts) from partner countries (Bulgaria, Romania, Greece, Italy and Turkey) and 45 students attended to this camp. These camp participants were selected through a poster competition in which 145 students took part.	30 June- 7 July 2013	Varna, Bulgaria	25 teachers (experts) from partner countries (Bulgaria, Romania, Greece, Italy and Turkey) and 45 students attended to this camp.





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P1	DOGA SCHOOLS	<i>"International Nano Technology Science Education Congress: "INT-NTSE" Congress</i> took place in Istanbul (TURKEY). The aim of the congress has been to promote the sharing of good practices and transnational cooperation in the field of the application of Nano Technology and ICT in Science Education learning and training.	15-16.11.2013	İstanbul, Turkey	In two days, approximately 200 people (mostly students and teachers) attended the congress.
P1	DOGA SCHOOLS	NTSE project is announced at oxygen press in Doğa Schools. Target audience were teachers, students parents and managers of Doğa Schools. http://e-oksijen.com/2011/04/	Nov 2013	In press	
P1	DOGA SCHOOLS	All the news published in visual and print media about the project can be reached at http://www.dogaabprojeleri.com/basinda-biz .	2012-2013	In press	Internet users (public access)
P1	DOGA SCHOOLS	As NTSE project coordinator, <i>Doğa</i> presented the project in Berlin, at <i>Online Educa 2013</i> , December 4 th -6 th , 2013, a three-days <i>International conference on technology</i> <i>supported learning & training.</i>	4-6.12.2013	Berlin, Germany	
P1	DOGA SCHOOLS	Dissemination Seminar. On 13 th December, 2013 in Istanbul Provincial Directorate of Education online evaluation meeting of learning process was held in Istanbul. NTSE project's aims and activities, introduction of the e-platform, Nano Kit were introduced by the project coordinator, Zuhal Yılmaz Doğan. NTSE files, leaflets and bookmarks are distributed	13.12.2013	İstanbul, Turkey	34 teachers from different 25 schools





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P1	DOGA SCHOOLS	Under the project of TTT-NET Ref. 540029-LLP-1- 2013-IT-COMENIUS-CNW conference was held. NTSE project's aims and activities, Nano-Tech Science Education concepts and approaches and the NTSE collaborative platform were introduced. NTSE files, leaflets and bookmarks are distributed.	30.01.2014- 03.02.2014	Sofia, Bulgaria	20 participants
P1	DOGA SCHOOLS	SCITEED. 1st workshop on nanotechnology in everyday life at international congress & exhibition on current trends on science & technology education. Information about the SCITEED is in the link below. www.sciteed.org	24-27.04.2014	Fethiye, Mugla, Turkey	SCITEED aims to bring together educational scientists, administers, councilors, education experts, teachers, graduate students, civil society organization and representatives to share and to discuss theoretical and practical knowledge in the scientific environment.
P2	FONDAZIONE IDIS-CITTÀ DELLA SCIENZA	Presentation of NTSE project in the session <i>Nella</i> scuola dei nativi digitali. Esperienze e traiettorie in <i>Italia e in Europa</i> held in the framework of <i>3GIORNIPERLASCUOLA 2012, Smart Education & Technology Days</i> , an annual national convention held from 2003, and dedicated to school and education issues, as the promotion of new learning technologies.	10.10.2012	Città della Scienza, Naples, Italy	100 Teachers and other stakeholder of educational system.
P2	FONDAZIONE IDIS-CITTÀ DELLA SCIENZA	Presentation of NTSE project's activities in the session Nano-Tech Science Education, le nanotecnologie a scuola held in the framework of 3GIORNIPERLASCUOLA 2013, Smart Education & Technology Days.	09.10.2013	Città della Scienza, Naples, Italy	20 Teachers and other stakeholder of educational system in the specific workshop. General information was given to all the 3000 teachers taking part to the event.





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P2	FONDAZIONE IDIS-CITTÀ DELLA SCIENZA	Presentation of NTSE project in <i>ASTC Annual</i> <i>Conference 2013</i> , the annual conference of Association of Science - Technology Centers. A representative of Fondazione Idis-Città della Scienza attended the conference presenting the activities of the Foundation. Also the activities carried out in the framework of NTSE have been presented among the others developed by Idis.	19-22.10.2013	Explora, National Museum of Nuclear Science and History, Albuquerque, New Mexico, USA	Around 500 various stakeholders in the fields of education and science communication.
P2	FONDAZIONE IDIS-CITTÀ DELLA SCIENZA	Presentation of the project in <i>Toy Expo 2013,</i> a science fair annually held in Potenza, southern Italy, aiming to involve young students in scientific laboratory activities.	16-22.12.2013	Centro per la Creatività, Potenza, Italy.	1000 Students and teachers
P2	FONDAZIONE IDIS-CITTÀ DELLA SCIENZA	Presentation of the project in P.O.N. F3 Andare a scuola, perché?	27.11.2013- 04.12.2013	ISIS Europa of Pomigliano D'Arco, district of Naples, Italy	50 High school students
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session. Part of the Intel Teach master teachers trainings	20.09.2012	Kustendil, Bulgaria	PU – 36 participants /primary teachers, secondary teachers, head teachers, school principals, representatives of the regional inspectorates of education/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session. Part of the Intel Teach master teachers trainings	17-18.10.2012	Varna, Bulgaria	PU – 32 participants /primary teachers, secondary teachers, head teachers, school principals/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	08.03.2013	Bourgas, Bulgaria	PU – 21 participants /science teachers, head teachers, school directors, representatives from the regional inspectorate of education/





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P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab (practical session). Part of the Intel Teach master teachers trainings	28-29.03.2013	Stara Zagora, Bulgaria	PU – 28 participants / science teachers, head teachers, school directors, representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	15.05.2013	Sofia, Bulgaria	PU – 42 participants /science teachers, head teachers, prospective teachers, school heads, representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Workshop "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session.	13.06.2013	Sofia, Bulgaria	PU – 29 participants /science teachers, head teachers, prospective teachers, school heads, representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	10.10.2013	Bourgas, Bulgaria	PU – 18 participants /science teachers, head teachers, school directors; representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	18.10.2013	Kustendil, Bulgaria	PU – 27 participants /science teachers, head teachers, school directors; representatives from the regional inspectorates/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	24.10.2013	Plovdiv, Bulgaria	PU – 62 participants /science teachers, head teachers, school directors; representatives from the regional inspectorates/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	08.11.2013	Varna & Shumen, Bulgaria	PU – 77 participants /science teachers, head teachers, school directors; representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Seminar "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab.	14.11.2013	Blagoevgrad, Bulgaria	PU – 23 participants /science teachers, head teachers, school directors/





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P3	SIRMA MEDIA	WP 7 – Workshop "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session.	21.11.2013	Stara Zagora, Bulgaria	PU – 20 participants /science teachers, head teachers, school directors, representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Workshop "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session.	29.11.2013	Smolyan, Bulgaria	PU – 59 participants /science teachers, head teachers, school directors/
P3	SIRMA MEDIA	WP 7 – Workshop "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session.	02.12.2013	Pleven, Bulgaria	PU – 15 participants /science teachers, head teachers, school directors, representatives from the regional inspectorate of education/
P3	SIRMA MEDIA	WP 7 – Workshop "Classroom of the future" Short presentation of the project + detailed presentation of the Virtual Lab – practical session.	12.12.2013	Sofia, Bulgaria	PU – 26 participants /science teachers, head teachers, school directors/
P3	SIRMA MEDIA	WP 7 – Placing NTSE banner on the National educational portal of the Ministry of education - http://resursi.e-edu.bg/	From beginning of December	Bulgaria	PU - Several thousand teachers, students, MoE administrators daily
P3	SIRMA MEDIA	WP 7 – Mass mail campaign to all active Sirma Media partners/clients – general information about the NTSE project + details and link towards the Virtual lab	21.12.2013	Bulgaria	PU – more than 500 educational institutions (primary, secondary schools, vocational schools, universities, NGOs, etc)
P3	SIRMA MEDIA	WP 7 – 11 nano related project were contacted: <u>www.euronanoforum2013.eu/calls/call-for-projects/</u> e-mail was sent to the those projects to inform them about the NTSE project and its eventual inclusion as good educational practice in those activities/networks.	30.12.2013	n/a	PU – 11 projects with approx 80 partners involved contacted
P4	FORTH	WP7 – Presentation of the Virtual Lab to the science teachers of 2 nd Gymnasium of Heraklion.	23.11.2012	Heraklion, Greece	PU – 9 Participants (Head of school, 5 physics teachers, 2 chemistry teachers and 1 biology teacher from the 2 nd Gymnasium of Heraklion.





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P4	FORTH	WP7 – Newsletter (in Greek) in the form of e-mail to all EKFE (Laboratory Centers for Science Education) around Greece, including the project's leaflet and the nanocompetition poster in pdf format. EKFE operates under the Ministry of Education. After that email there were more than ten articles / references about NTSE in Greek educational portals, blogs, school sites and newspapers. (Code: O)	30-31.01.2013	Greece	PU – 80 Laboratory Centers for Science Education and through those centers all science teachers in secondary education.
P4	FORTH	WP7 – Second newsletter (in Greek) in the form of e-mail to all EKFE (Laboratory Centers for Science Education) around Greece, including updated information regarding the nano poster competition. (Code: O)	11.03.2013	Greece	PU – 80 Laboratory Centers for Science Education and through those centers all science teachers in secondary education.
P4	FORTH	WP7 – Poster in "The Onassis Foundation Science Lecture Series 2013" that were centered on the topics of Nanoscience and Nanotechnology. The lectures were given by highly reputated international scientific personalities: Phaedon Avouris, Andrea Ferrari, C. Galiotis. Konstantin Novoselov, Paul Stephan Roche, Christian Thomsen, S. Weiss, and Hua Zhang. (Code: E)	15-19.07.2013	Heraklion, Greece	PU - Academics, science students (35 Greek and 15 international)
P4	FORTH	WP7 – Poster in the poster session of Scientific Retreat at FORTH. The aim of the Retreat was to inform the members of our scientific community about the current research activities, placing emphasis on interdisciplinary activities. (Code: E)	12-13.07.2013	Heraklion, Greece	PU – Academics, Researchers, Policy makers.





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P4	FORTH	WP7 – Third newsletter (in Greek) in the form of e- mail to all EKFE (Laboratory Centers for Science Education) around Greece, including information regarding the upcomong NTSE conference (call for papers, poster, deadlines). (Code: O)	07.10.2013		PU – 80 Laboratory Centers for Science Education and through those centers all science teachers in secondary education.
P4	FORTH	WP7 – Information letter (in English) in a form of email to Stencil Network. (Code: 0)	08.10.2013		PU - ~30 Stencil Network stakeholders (Policy makers, academics, practitioners)
P4	FORTH	WP 7 - First Dissemination workshop. Presentation of the Virtual Lab in science teachers of western Crete. (Code: E)	04.12.2013	Vamos, Crete, Greece	PU – Science teachers, educational inspectors / consultants (35 in total)
P4	FORTH	 WP 7 - Second Dissemination workshop. Presentation of the Virtual Lab in science teachers of eastern Crete. (Code: E) 	19.12.2013	Heraklion, Crete, Greece	PU - Science teachers, educational inspectors / consultants (20 in total)
Ρ5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: <i>"Teachers' and Students' Feedback Concerning the Use of ICT Tools in Learning Science through Nanotechnology"</i> (Authors: Gorghiu L. M., Gorghiu G.) in Recent Researches in Applied Computers and Computational Science (Code: O)	Starting with April 2012	ResearchesinAppliedComputersandComputationalScience(Proceedingsof11thWSEASInternationalConferenceonAppliedComputerandAppliedComputationalScience),ISBN:978-1-61804-084-8,pp.194-199AssociationforComputingMachineryMachinery(ACM)InternationalDatabases	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "Teachers' perception related to the promotion of Nanotechnology concepts in Romanian Science Education" (Authors: Gorghiu L. M., Gorghiu G.) by Elsevier in Procedia - Social and Behavioral Sciences (Code: O)	Starting with September 2012	Procedia - Social and Behavioral Science, Volume 46, 2012, Pages 4174–4180 - indexed by the following International Databases: ScienceDirect, Scopus and Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science)	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of the paper: Promoting the Nanotechnology Concepts in Secondary Science Education through ICT Tools - the Romanian and Turkish Teachers' Perception) (Authors: Gorghiu L. M., Gorghiu G., Yilmaz Doğan Z., Gerçeker P.) – The 3rd World Conference on Information Technology 2012 (WCIT 2012) (Code: E)	14-17.11.2012	Barcelona, SPAIN	PU – 500 Participants from the following sectors of Education Environment: Secondary Education, Higher Education, Adult Education, Regional and National Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, prospective teachers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Presentations and dissemination of NTSE Nano-competition to the level of secondary schools from Dambovita county (posters, leaflets, bookmarks, mugs, pens, t-shirts prepared in the frame of NTSE project) (Code: E)	February-March, 2013	Dambovita County, ROMANIA	PU – over 25 secondary schools from Dambovita County: teachers, head teachers, inspectors, initial and in-service teacher educators, students.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "Promoting the Nanotechnology Concepts in Secondary Science Education through ICT Tools - the Romanian and Turkish Teachers' Perception" (Authors: Gorghiu L. M., Gorghiu G., Yilmaz Doğan Z., Gerçeker P.) in Global Journal on Technology, Vol 3 (2013) (Code: O)	Starting with March 2013	Global Journal on Technology, Vol 3 (2013) (Proceedings of 3rd World Conference on Information Technology (WCIT-2012)), ISSN: 2147-5369	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of two posters: 1. Related Aspects on Using Digital Tools in the Process of Introducing Nanotechnology in Science Lessons (Authors: Gorghiu L. M., Gorghiu G.) and 2. A Repository Designed to Raise the Students' Knowledge and Awareness on Nanoscience and Nanotechnology (Authors: Gorghiu G., Bîzoi M., Gorghiu L. M., Yilmaz Doğan Z.) – The 3rd International Advances in Applied Physics and Materials Science Congress (APMAS 2013) (Code: E)	24-28.04.2013	Antalya, TURKEY	PU – 500 Participants from the following sectors of Education Environment: Secondary Education, Higher Education, Adult Education, Regional and National Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, prospective teachers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of NTSE project: <i>NTSE</i> – <i>Nano-Tech in Science Education</i> (Authors: Gorghiu L. M.) – The 4th International Conference on Baltic and Nordic Studies in Romania: Empire-building and Region-building in the Baltic, North and Black Sea Areas 2013 (Code: E)	24-26.05.2013	Constanta, ROMANIA	PU – 100 Participants from the following sectors of Education Environment: Secondary Education, Higher Education, Adult Education, Regional and National Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of the paper: Utilizarea experimentelor virtuale în predarea nanotehnologiilor. Experiența proiectului NTSE (The use of virtual experiments in teaching nanotechnologies. The NTSE project experience) (Authors: Gorghiu L. M., Gorghiu G., Olteanu R. L., Dumitrescu C.) - The Yearly Scientific Seminar of the Faculty of Science and Arts, with national participation organized in the frame of "Valahia University Days" (Code: E)	15.06.2013	Targoviste, ROMANIA	PU – 100 Participants from Education Environment: teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, prospective teachers, students, etc.





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Presentation and dissemination of NTSE dissemination materials (leaflets, bookmarks, mugs, pens, t-shirts) prepared in the frame of NTSE project to the Yearly Scientific Seminar of the Faculty of Science and Arts, with national participation organized in the frame of "Valahia University Days" (Code: E)	15.06.2013	Targoviste, ROMANIA	PU – 100 Participants from Education Environment: teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, prospective teachers, students, etc.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Selecting as a Key Research Article and Indexing of the paper: "Teachers' Perception Related to the Promotion of Nanotechnology Concepts in Romanian Science Education" (Authors: Gorghiu L, Gorghiu, G.) by Psychology Progress Ltd. – Center for Top Research in Psychology (Key research papers are selected from a wide variety of peer reviewed journals and are judged to be of major importance in their respective fields.) (Code: O)	Starting with July 2013	Psychology Progress Ltd. International Database	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "A Repository Designed to Raise the Students' Knowledge and Awareness on Nanoscience and Nanotechnology" (Authors: Gorghiu G., Bîzoi M., Gorghiu L. M., Yilmaz Doğan Z.) in Journal of Science and Arts (Code: O)	Starting with September 2013	Journal of Science and Arts, 3(24), pp. 319-325, 2013, ISSN 1844-9581 - indexed by the following International Databases: Index Copernicus Journals Master List, Directory of Open Access Journals, Google Academic, Journal Seek, Open J-Gate, Summon Serials Solutions, Zentralblatt MATH, ProQuest products: ProQuest Technology Collection; ProQuest SciTech Collection; ProQuest SciTech Collection; ProQuest SciTech Collection; ProQuest SciTech Collection; ProQuest Materials Science Journals; ProQuest Engineering Journals; ProQuest Advanced Technology & Aerospace Journals; ProQuest Engineering Journals; ProQuest High Technology & Aerospace Journals; ProQuest Natural Science Journals, Academic Journals Database, University of Zurich, WorldCat, Wageningen UR, E-Library, Center for Teaching and Learning Resources in Central Taiwan, CORE (COnnecting REpositories), EBSCO Host	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Organization of the First Dissemination Seminar in Romania and dissemination of NTSE project results. Presentation of the NTSE Virtual Lab and dissemination of NTSE materials (leaflets, bookmarks, posters) prepared in the frame of NTSE project (Code: E)	11.09.2013	Targoviste, ROMANIA	PU – 60 Participants from Dambovita County Education Environment: Secondary and Higher Education, Regional Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, students, etc.)
Ρ5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of NTSE project: Nano-Tech Science Education - A European KA3-ICT Project that Promotes Science Education through Virtual Experimentation (Authors: Gorghiu G., Gorghiu I. M., Bîzoi M., Yilmaz Doğan Z.) – The International Organization for Science and Technology Education Eurasian Regional Symposium & Brokerage Event Horizon 2020 (IOSTE 2013) (Code: E)	30.10.2013- 01.11.2013	Antalya, TURKEY	PU – 80 Participants from the following sectors of Education Environment: Higher Education, Adult Education, Regional and National Authority (as educators, academic staff, scientific researchers, PhD students, etc.)
Ρ5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the abstract: "Nano-Tech Science Education - A European KA3-ICT Project that Promotes Science Education through Virtual Experimentation (Authors: Gorghiu G., Gorghiu I. M., Bîzoi M., Yilmaz Doğan Z.) – in Abstract and Programme Book of The International Organization for Science and Technology Education Eurasian Regional Symposium & Brokerage Event Horizon 2020 (IOSTE 2013), Antalya, TURKEY (Code: O)	30.10.2013	Abstract and Programme Book of The International Organization for Science and Technology Education Eurasian Regional Symposium & Brokerage Event Horizon 2020 (IOSTE 2013), Antalya, TURKEY	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Organization of the Second Dissemination Seminar in Romania and dissemination of NTSE project results. Presentation of the NTSE Virtual Lab and dissemination of NTSE materials prepared in the frame of NTSE project (Code: E)	06.11.2013	Targoviste, ROMANIA	PU – 20 Participants from Dambovita County Education Environment: Secondary and Higher Education, Regional Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, students, etc.)





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P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Organization of the Third Dissemination Seminar in Romania and dissemination of NTSE project results. Presentation of the NTSE Virtual Lab and dissemination of NTSE materials prepared in the frame of NTSE project (Code: E)	08.11.2013	Cluj Napoca, ROMANIA	PU – 40 Participants from Cluj County Education Environment: Secondary and Higher Education (as teachers, teacher educators, academic staff, prospective teachers, students etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Presentation of the study: Virtual Resources Developed in NTSE Project for Raising the Interest of Romanian Students' and Teachers' for Nanoscience and Nanotechnology (Authors: Gorghiu L. M., Gorghiu G., Olteanu R. L., Dumitrescu C., Chilian A.) – to The International Nano-Tech Science Education Congress 2013 (Code: E)	15-16.11.2013	Istanbul, TURKEY	PU – 150 Participants from Education Environment: Secondary and Higher Education, Regional and National Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, students etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Presentation of two papers: 1. Using Various NTSE Virtual Laboratory Resources for Developing the Students' Knowledge Related to Nanoscience and Nanotechnology (Authors: Gorghiu L. M., Gorghiu G., Olteanu R. L., Dumitrescu C.) and 2. Educational Case studies Related to Promote Nanoscience and Nanotechnology Issues in Science Education, Based on ICT Tools (Authors: Gorghiu G., Gorghiu L. M., Antonescu C., Badoiu N.) – The 4th World Conference on Information Technology 2013 (WCIT 2013) (Code: E)	26-28.11.2013	Brussels, BELGIUM	PU – 500 Participants from the following sectors of Education Environment: Secondary Education, Higher Education, Adult Education, Regional and National Authority (as teachers, head teachers, inspectors, initial and in-service teacher educators, academic staff, scientific researchers, prospective teachers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Organization of the Final Dissemination Seminar in Romania and dissemination of NTSE project results. Presentation of the NTSE Virtual Lab and dissemination of NTSE materials prepared in the frame of NTSE project (Code: E)	04.12.2013	Targoviste, ROMANIA	PU – 25 Participants from Dambovita County Education Environment: Secondary and Higher Education, Regional Authority (as teachers, head teachers, inspectors, teacher educators, academic staff, students, etc.)





Part No.	Name of organisation	Brief description of dissemination activity	Date(s) of dissemination activity	Where it took place	Which audiences were targeted in the dissemination activity
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Participating with university students and experts to the NTSE Webinar sessions (Code: E)	09.12.2013	Targoviste, ROMANIA (on-line connection)	PU – 20 Participants from Valahia University Targoviste and Secondary Education Environment (as teachers, academic staff, researchers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 – Participating with university students and experts to the NTSE Webinar sessions (Code: E)	16.12.2013	Targoviste, ROMANIA (on-line connection)	PU – 15 Participants from Valahia University Targoviste and Secondary Education Environment (as teachers, academic staff, researchers, students, etc.)
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "Related Aspects on Using Digital Tools in the Process of Introducing Nanotechnology in Science Lessons" (Authors: Gorghiu L. M., Gorghiu G.) in Acta Physica Polonica (Code: O)	In press	Acta Physica Polonica ISSN: 1898-794X, 2014 - indexed by the following International Databases: Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science)	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "Using Various NTSE Virtual Laboratory Resources for Developing the Students' Knowledge Related to Nanoscience and Nanotechnology" (Authors: Gorghiu L. M., Gorghiu G., Olteanu R. L., Dumitrescu C.) in Global Journal on Technology (Code: O)	In press	Global Journal on Technology, (2014) (Proceedings of 4th World Conference on Information Technology (WCIT-2013)), ISSN: 2147-5369	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.
P5	VALAHIA UNIVERSITY OF TARGOVISTE	WP7 - Publication of the paper: "Educational Case studies Related to Promote Nanoscience and Nanotechnology Issues in Science Education, Based on ICT Tools" (Authors: Gorghiu G., Gorghiu L. M., Antonescu C., Badoiu N.) in Global Journal on Technology (Code: O)	In press	Global Journal on Technology, (2014) (Proceedings of 4th World Conference on Information Technology (WCIT-2013)), ISSN: 2147-5369	PU – worldwide dissemination - Scientific Researchers, Academic Staff, In-service Teachers / Educators from Secondary Education, Higher Education, Adult Education, Regional and National Authorities Members, prospective teachers, students, general public etc.





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	 Work meeting with representatives from The Bulgarian Academy of Sciences: Institute for Nuclear Energy and Research PhD Training Center The NTSE concept, aims and objectives were disseminated to scientists. Both institutes were attracted as associated partners, and will later contribute 	05.05.2011	Sofia, Bulgaria	(PP) Prof. Renna Djulgerova, rector of the Ph.D. training center in the Bulgarian Academy of Sciences, Ph.D. Mladen Matev, researcher in the Institute for Nuclear Energy and Research and CCTA experts discussed future involvement of Ph.D. students from science topics parallel to the NTSE field. The possible audience to reach is about 50 researchers per year. Also the meeting was used to select speakers in the NTSE Gender Aspect interviews – Successful Women in Science, where Assoc. Prof. Ph.D. Daniela Karashanova gave a video interview, later added in the project podcasting room.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Work meeting and project dissemination with The Regional Inspectorate in Sofia-City: Agreement was reached, about spreading out a questionnaire about Nanotechnology and its integration with the current high school curriculum.	06.05.2011	Sofia, Bulgaria	(PP) Reni Dimova and Alexander Angelov from the CCTA team met with Mrs. Vanya Kastreva, Director of the RIE and Mrs. Vasya Arsenova, teacher qualification expert, to discuss how the NTSE questionnaires and dissemination materials can reach most of the science teachers in Sofia City Region. Later 75 teachers from Sofia and other cities returned a filled-out Questionnaire.





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Poster dissemination at the Final meeting and project conference for the project KeyTTT (504605- LLP-1-2009-1-BG-COMENIUS-CMP)	22-23.09.2011	Stara Zagora, Bulgaria	(PU) 16 representatives of the international partners' institutions from: TR, NO, PL, IT, BG. 86 Bulgarian participants of the final conference, among which representatives from the Bulgarian Ministry of Education, from regional stakeholders, as well as teachers in science subjects.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Robotics conference, Presentation of the NTSE project in general for 15 minutes and discussion with participants. <u>http://circologalilei.somsmogliano.it/</u> <u>http://circologalilei.somsmogliano.it/2011/11/em</u> <u>anuele-micheli-robotica-e-quotidianita/</u>	05.12.2011	Mogliano, Venice region, Italy	(PU)140 participants from Mogliano town and Venice region, open public, teachers, scientists and university staff. The event was broadcasted in the local TV and Media. NTSE project presentation was part of the agenda.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Nanotechnology and Education national conference <u>http://www.uni-</u> <u>sofia.bg/index.php/bul/novini/arhiv/arhiv na go</u> <u>reschi_novini/nanotehnologii_ot_fundamentalni</u> <u>izsledvaniya_do_priborostroene</u>	25-26.11.2011	Sofia University, Sofia, Bulgaria	(PU)120 participants from Bulgaria, 10 international. The project was presented by poster and poster session. The Project paper was prepared my assoc. prof. Mladen Matev ISSN 1313-8995 (link to the paper)
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Dissemination in Sevlievo Municipality schools. Sevlievo Municipality Education Directorate representative Sabie Hodjeva took part in the 5th NTSE project meeting. Mrs. Hodjeva alter initiated NTSE stand during the Science on Stage Festival 2012. During the Festival CCTA representatives built a stand around NTSE VLAB, video interviews and practical activities. The event was held for two days.	27-28.10.2012	Sevlievo, Bulgaria	150 students and 90 teachers, MoE representatives and officials. The NTSE project was disseminated on a stand, for one and a half days. Visitors were able to observe interveiws, vlab experiments and to do hands on nano-related activities, based on the Nanokit. Event facebook page: https://www.facebook.com/events/1836883 71761202/ Newspaper publication:





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Study visit to AMG Technology – a nanotech device production company, based in Botevgrad, Bulgaria.	21.12.2012	Botevgrad, Bulgaria	 Total 9 students from "John Atanasoff" VET high school and Mrs. Milena Gosheva, physics teachers travelled to Botevgrad to meet the founders and owners of <u>AMG technology Ltd.</u> Study visit report by Ph.D. Malden Matev; Dissemination video in the Podcasting room and youtube Students were able to observe a real business built on nanotech products. AMG technology staff answered questions, conducted demonstrations and experiments for two hours in their facility and production plant.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	20 NANOFACTS poster in A3, laminated was distributed to 150 classrooms – the content is 20 Nanofacts. The posters were displayed in classrooms all over Bulgaria	09.2012 – 09.2013 –	Bulgaria, varoious cities (Sofia, Varna, Sevlievo, Rousse, Haskovo and others)	Directly more than 100 classrooms and their classes. The posters were complimentary for teachers. - <u>The design is available</u> - Pictures from classrooms are available





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	WP7-Dissemination meetings in schools in Russe & RIE Silistra	18.02.2013- 19.02.2013	Rousse, Bulgaria Silistra, Bulgaria	12 science teachers from 3 schools in Rousse and about 70 students from same schools were addressed. Teachers were informed about the VLAB progress and upcoming activities; Students were informed about the nano- poster competition and nano-science camp dates and agenda. The Director of the Regional Inspectorate in Silistra was informed about the nano-poster competition and the VLAB resources.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Meeting K12 Science Teachers with LLP and FP7 projects/ independently organized by CCTA, Dissemination of the NTSE upcomming events, case-study teacher vacancies (del. 15) and upcomming nano-poster competition (del. 13) and Nano-Science Camp (del. 12).	31.03.2013	Sofia, Bulgaria, The National Center for Preparation of Students to Participate Olympiads	(PU) 18 participants, listed. Agenda is attached, also pictures and list of participants. NTSE was presented by Implementing Teacher Mrs. Milena Gosheva, John Atanassov Electronics High School and Alexander Angelov, Center for Creative Training Association
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	A Study visit and open door visit by students in the Institute of Electronics in the Bulgarian Academy of Sciences. 50th Anniversary Day of open door to scientific knowledge My day in the Institute of Electronics: Open door to Bulgarian and Global scientific knowledge	27.06.2013	Sofia, Bulgaria; The institute of Electronics, Bulgarian Academy of Sciences	4 students from Sofia joined the open-door day and discussion in the Institute of Electronics. 11 th grader Hristina Metodieva wrote a report and essay about the day spent in the academy.





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Meeting K12 Science Teachers with LLP projects (event is independently organized by CCTA) Dissemination of the NTSE outcomes, most of all the Nano-Science Camp, the VLAB activities in Bulgarian.	5-10 2013	Sofia, Bulgaria, The National Center for Preparation of Students to Participate Olympiads	 (PU) 27 participants, Teachers from Sofia, Pernik; reps. Of the Bulgarian Academy of Sciences – Ph.D. Training centre. List of participants is available, with digital timestamp Pictures are available
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Webinar under the Nanopinion project The event was organized by the European Schoolnet; CCTA experts were invited to have a webminar with teachers all over Bulgaria and to present the NTSE Vlab, by doing so the participating teachers were enabled to use the experiments and resources. European Schoolnet issued certificate for the workshop.	12.11.2013	Online, all over Bulgaria	 (PU)19 teachers from Bulgaria, organized by the <u>Nanopinion project</u> local coordinator Mrs. Svejina Dimitrova, director of the <u>National Observatory and Planetarium</u> Chat printout is attached Video conference screenshot is attached
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	NTSE project Dissemination seminar (VLAB) Science teachers were gathered in the National Observatory in Varna and had on-site presentation of the VLAB and its capabilities. Half-day event. (Del. 28)	14.11.2013	Varna, Bulgaria	 (PU) 49 Science teachers from Varna City and Varna Region, /w the assistance of the National Observatory in Varna. List of participants is available Pictures are available.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	NTSE project Dissemination seminar (VLAB). Science teachers were gathered in the National Observatory in Varna and had on-site presentation of the VLAB and its capabilities. Half-day event. (Del. 28)	19.11.2013	Varna, Bulgaria	 (PU) 39 Science teachers from Varna City and Varna Region, /w the assistance of the National Observatory in Varna. List of participants is available Pictures are available.





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	15th International Workshop on Nanoscience & Nanotechnology: The event is organized by The Bulgarian Academy of Sciences, the Technical University of Sofia and AQUACHIM JSC, Bulgaria. During the conference there was a plennary, poster session and business-education workshops. CCTA representatives took part in the plennary and established working contacts with more nanotech experts from Bulgaria and EU.	21-23.11.2013	Sofia, Bulgaria, the Bulgarian Academy of Sciences – the Great Hall, Narodno Sabranie sqr. 1	 (PU) 60 participants from /w education, business and academic background. Presentation in English is available, also including the NTSE website, Nano-science camp and VLAB was made. Presentation is attached as PDF. Direct connections established with: The <u>University of Chemical Technology and Metallurgy</u>, assoc. prof. Anna Staneva The University of National and World Economy, prof. Nikolay Denkov Materials: Video and Agenda are available <u>Presentation from PREZI</u>
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	NTSE project dissemination The NTSE VLAB and project results were disseminated to an audience from Smolyan (Science and IT teachers). Every participant had the opportunity to try the translated and uploaded experiments in Bulgarian, also to try the other Multimedia resources.	23-24.11.2013	Smolyan, Bulgaria, hosted by Ivan Vazov Primary School and supported by the National Inspectorate of Education	 (PU) 34 participants. Teachers were informed about the event with the kind assistance of the Regional Inspectorate of Education – Smolyan region. The inspectorate supports the NTSE dissemination in the region. Pictures are available. List of names, e-mails is available





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	The Scientix Project Ambassador meeting (FP7 Managed by the European Schoolnet, with the support of the EACEA Science Team). CCTA expert Alexander Angelov is currently engaged as Scientix deputy-ambassador for Bulgaria. He agreed with the Scientix team to include NTSE project in the Scientix database and to use the Scientix tools and events to disseminate widely the NTSE materials and products. 88 Scientix ambassadors (mostly science teachers) from all EU countries (+Norway and Israel) got in touch with NTSE materials.	29.11.2013– 01.12.2013 (two- and- a- half days)	Brussels, Belgium	 (PP) 88 participants from 30 countries (list + pictures attached) (Scientix Ambassadors) + European Schoolnet team + EACEA Science team reps. Direct dissemination results: Disseminated the Guidelines book in English, to all participants The NTSE project multilingual leaflet Agreement to upload the NTSE content in the Scientix platform Agreement to link the NTSE virtual lab to Scientix project info platform
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	NTSE project dissemination seminar (del.28).	06.12.2013	Sofia, Bulgaria, The National Center for Preparation of Students to Participate Olympiads	(PU) 17 registered participants (teachers, university students and Bulgarian Academy of Sciences reps.) from Sofia and the region took part in one-day practical dissemination seminar.
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	NTSE project dissemination. The event was initially planned for 5th of December, then moved to 13th of December 2013 due to logistics reasons. During the half-day dissemination semiar entitled "Technologucally supported education- the Use of Virtual Lab" the CCTA team involved in the NTSE project 40 teachers and the IT expert from the Regional Inspectorate of Education – Blagoevgrad. About 10 participants openly stated they will try the Vlab and the project outputs in their classes. An information email was sent to everyone a week after the event. (del.28)	13.12.2013	Blagoevgrad, Bulgaria	 (PU) 40 participants. Teachers were informed about the event with the kind assistance of the Regional Inspectorate of Education – Blagoevgrad region. The inspectorate supports the NTSE dissemination in the region. Pictures are available. List of names, e-mails is available (electronic registration with Timestamp for every registered guest)





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P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	DISSEMINATION PUBLICATIONS – ON-LINE & ROSSITSA NEWSPAPER (SEVLIEVO)	2011-2013	Bulgaria, various cities	A weekly issue, reached about 5000 readers. - <u>Link to newspaper publications</u> Total about 2500 reads and more than 10k visualizations - <u>Link to poster competition</u> <u>publication report</u> About 1000 newsletter readers - <u>Link to school newsletter</u> <u>publications</u>
P6	CENTER FOR CREATIVE TRAINING ASSOCIATION	Nano-science camp and poster competition dissemination	05-10 2013	Bulgaria, various cities	37 members - Link to Nano-science camp <u>facebook group</u> - Link to Nano-science camp <u>publication report</u>