

Grant Agreement Number 612367



Including Responsible Research and innovation in cutting Edge Science and Inquiry-based Science education to improve Teacher's Ability of Bridging Learning Environments

D6.4 Mass Media

Dissemination level: Public (PU)

Delivery Date: November 2014

Status: Final version

Author(s): Contributions from all partners collated by the WP6 leaders Sevil Akaygun (Bogazici University) and Margherita Venturi (University of Bologna)



Table of Contents

1. Executive Summary.....	3
2. Use of Mass Media for Dissemination	4
2.1. Use of Mass Media in the Project	4
2.2. Use of Electronic Media in the Project	7
3. Conclusion.....	20
Annex	21
References	23

1. Executive Summary

Mass Media have been used in education for many purposes including dissemination of information for stakeholders.

The purpose of Deliverable 6.4, Mass Media, is to report how a variety of mass media tools (including print and electronic) are being used to disseminate information related to the goals, strategies, methods, and the materials related to the project. To this end, D6.4 demonstrates how some examples of mass media environments have been adopted by project partners.

The dissemination through media has been achieved in two folds; dissemination of the project in general means, and through local channels of media communication. In general means, two newsletters, once every 6 months, have been published and distributed electronically. For the local means, partners reported how they implemented the media tools such as magazines, local newspapers and web page announcements.

The printed mass media was used by the partner from Romania and the electronic media was used by Germany, Greece, Italy, Israel, Netherlands, Portugal, Romania and Turkey partners.

2. Use of Mass Media in Dissemination

Mass media is a type of communication that reaches to larger group of audience in written, spoken or broadcast form, via television, radio, newspapers, newsletters, magazines, internet, and so forth.

Mass media have important influences and consequences for individuals, institutions, and societies. Therefore, many countries agree to spend quite good amount of time and resources in mass media production and distribution (Curan, Gurevitch, & Woolacott, 1979).

Today mass media is used either in the form of printed press such as newspapers, magazines or leaflets, or in the form of digital media such as electronic newsletters or website announcements. In the Project, partners of Irresistible, decided to use both mass and electronic media for dissemination purposes.

2.1. Use of Mass Media in the Project

2.1.1. Partners who used mass media

Romania

1-Type of Dissemination: Mass and Digital Media/ Media Article

Name: Gazeta Dâmboviței

Title: “IRRESISTIBLE - un nou proiect internațional de cercetare la Universitatea Valahia din Târgoviște”) / English translation: “IRRESISTIBLE - A New International Research Project in Valahia University Targoviste”

Date: February 6, 2014

Short Description: Media article (in Romanian) - published in an electronic journal (Gazeta Dâmboviței)

Link: <http://www.gazetadambovitei.ro/educatie/irresistible-un-nou-proiect-international-de-cercetare-la-universitatea-valahia-din-targoviste>



Redactor șef: Crina Zamfirescu

0737 449 352

redactie@gazetadambovitei.ro

Fondator: Gabriel Cristache

Senior editor CULTURA DE SĂMBĂȚĂ

Ionuț Cristache

Ediția de marți, nr. 1080 - 11 noiembrie 2014



ADMINISTRAȚIE ACTUAL AGRICULTURĂ EVENIMENT EDUCAȚIE SOCIAL SĂNĂTATE CULTURĂ SPORT LIFE STYLE METEO TIMP LIBER NAȚIONAL

IRRESISTIBLE - UN NOU PROIECT INTERNAȚIONAL DE CERCETARE LA UNIVERSITATEA VALAHIA DIN TÂRGOVIȘTE

06 FEBRUARIE 2014 SCRIS DE CRISTINA DINU

NICIUN COMENTARIU



 Printează articolul

2-Type of Dissemination: Mass Media/ TV Clip

Name: Columna TV

Title: Nanostiințele și cercetarea responsabilă / Nanoscience and Responsible Research

Date: April 9, 2014

Short Description: TV Videoclip during News-time (in Romanian)-broadcast at Columna TV.

Link1: <http://www.columnatv.ro/tv/nanostiintele-si-cercetarea-responsabila>

Nanoștiințele și cercetarea responsabilă

Subiecte: [ele](#), [tiin](#)



Link2: <http://www.youtube.com/watch?v=uBY0PrMUdtw>



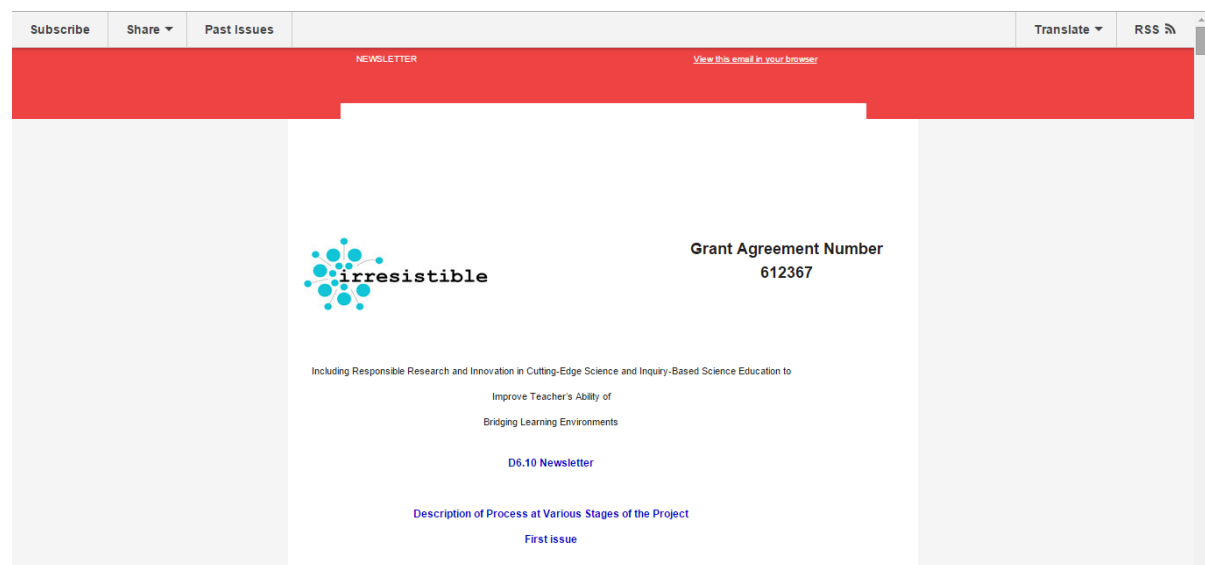
2.2. Use of Electronic Media in the Project

2.2.1. Newsletters

During the first year of the project two newsletters were published and distributed. Initially it was decided to publish the newsletter once every 3 months, but due to developmental stage of the module, partners agreed to have it once every 6 months.

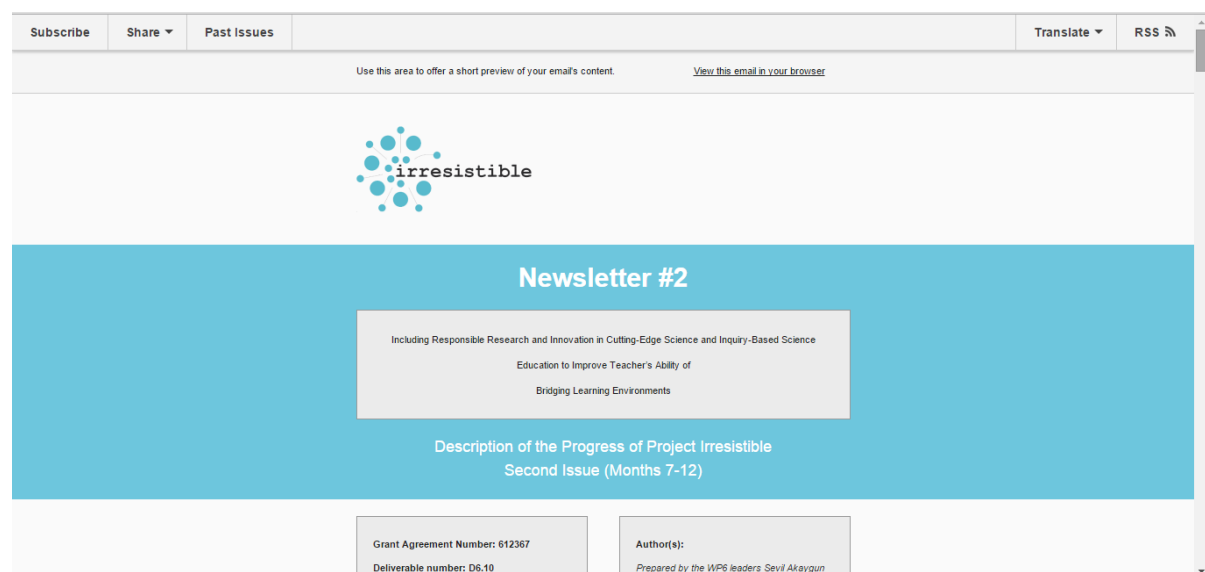
Newsletter #1 (Months: 1-6)

Link: <http://us8.campaign-archive2.com/?u=30379da397ae55de0b85ab2b9&id=23f29e7c1a&e=d0118d88ab>



Newsletter #2 (Months: 7-12)

Link: <http://us9.campaign-archive2.com/?u=e1f843d688f267bca08aa772d&id=9319df4cc5&e=8dff91bc70>



2.2.2. Electronic announcements disseminated by partners

Netherlands - RUG:

1-Type of Dissemination: Digital Media/Introducing the project

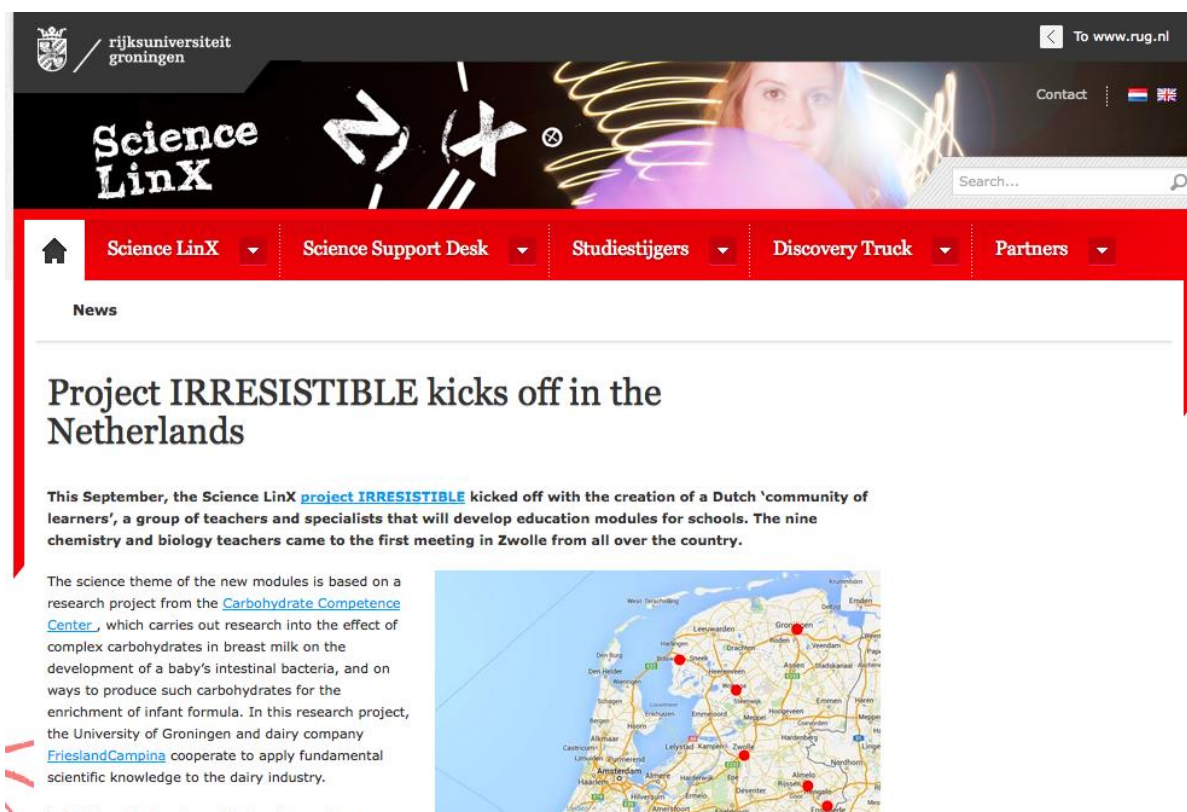
Name: Official website of the Science LinX

Title: Project IRRESISTIBLE kicks off in the Netherlands

Date: October 2, 2014

Short Description: Science LinX Website and newsletter

Link: http://www.rug.nl/sciencelinx/nieuws/20140925_irresistible



2- Type of Dissemination: Digital Media/Introducing the project

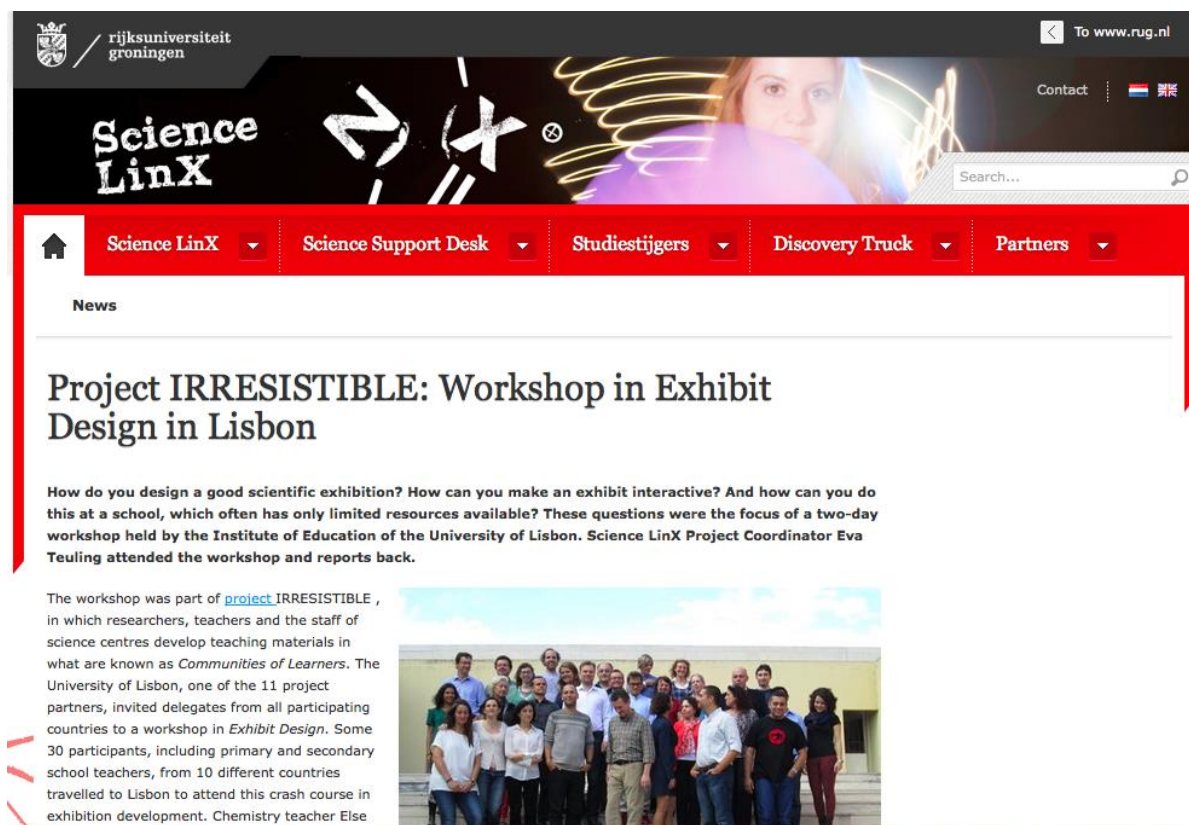
Name: Official website of the Science LinX

Title: Project IRRESISTIBLE: Workshop in Exhibit Design in Lisbon

Date: October 30, 2014

Short Description: Science LinX Website and newsletter

Link: http://www.rug.nl/sciencelinx/nieuws/20141028_lissabon



Project IRRESISTIBLE: Workshop in Exhibit Design in Lisbon

How do you design a good scientific exhibition? How can you make an exhibit interactive? And how can you do this at a school, which often has only limited resources available? These questions were the focus of a two-day workshop held by the Institute of Education of the University of Lisbon. Science LinX Project Coordinator Eva Teuling attended the workshop and reports back.

The workshop was part of [project IRRESISTIBLE](#), in which researchers, teachers and the staff of science centres develop teaching materials in what are known as *Communities of Learners*. The University of Lisbon, one of the 11 project partners, invited delegates from all participating countries to a workshop in *Exhibit Design*. Some 30 participants, including primary and secondary school teachers, from 10 different countries travelled to Lisbon to attend this crash course in exhibition development. Chemistry teacher Else

Israel - Weizmann:

Type of Dissemination: Digital Media/Introducing the project

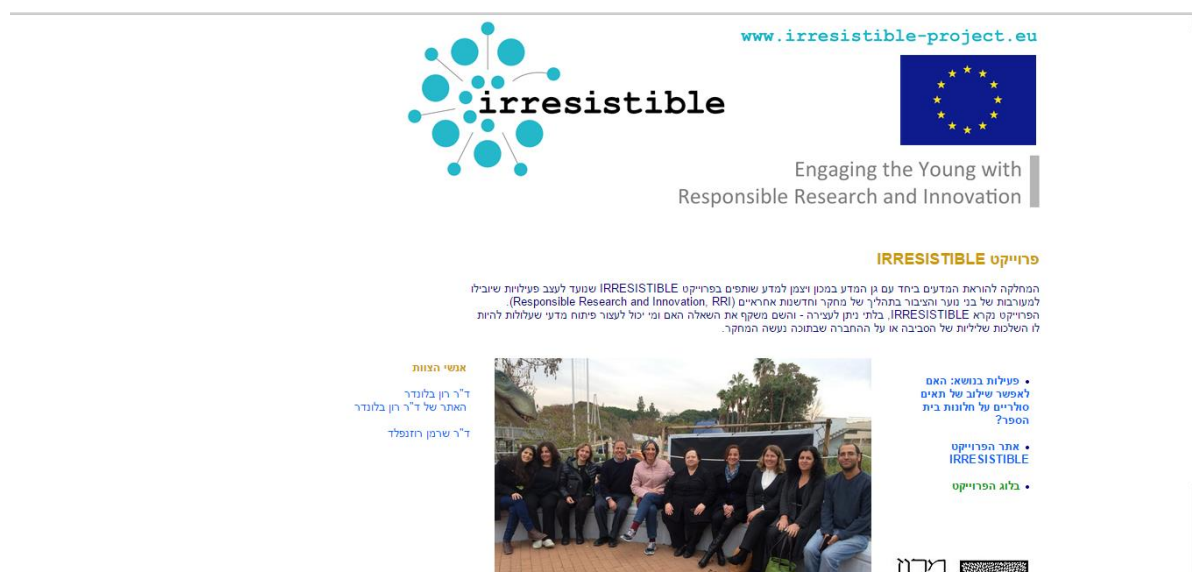
Name: Official website of the Weizman Institute

Title: Irresistible

Date: October 30, 2014

Short Description: The project is highlighted in the local web page of the Project

Link: <http://stwww.weizmann.ac.il/g-chem/irresistible/>



www.irresistible-project.eu

irresistible

Engaging the Young with Responsible Research and Innovation

פרויקט IRRESISTIBLE

המחלקה להוראת המדעים ביחד עם גן המדע במכון ויצמן למדע שותפים בפרויקט IRRESISTIBLE שנועד לעצב פעילויות שיוכלו למעורבות של בני נוער והציבור בתהליך של מחקר וחידושים אחראיים (RRI) (Responsible Research and Innovation). הפרויקט נקרא IRRESISTIBLE. בלתי ניתן לעצירה - והשם משקף את השאלה האם ומי יכול לעצור פיתוח מדעי שעלולות להיות לו השלכות שליליות של הסביבה או על ההתנהגות שבנוכח נעשה המחקר.

אנשי הצוות

ד"ר רון בלונדר
האתר של ד"ר רון בלונדר
ד"ר שרמן רוזנפלד

פעילות בנושא: האם לאפשר שילוב של תארים סטודנטים על חלונות בית הספר?

אתר הפרויקט
IRRESISTIBLE

בלוג הפרויקט

Germany - IPN:

Type of Dissemination: Digital Media/Announcement

Name: Newsletter of IPN: IPN-Blätter

Title: Notizen, "Am IPN startet ein neues EU-Projekt"

Date: January 1, 2014

Short Description: First announcement of the project in the newsletter of IPN.

Link: ftp://ftp.rz.uni-kiel.de/pub/ipn/ipn-blaetter/IPN_Blaetter_1_2014.pdf

NOTIZEN

Der BundesUmweltWettbewerb (BUW) stellt auf seiner Internetseite unter www.bundesumweltwettbewerb.de eine Unterrichtseinheit zur Miesmuschel für den Biologieunterricht der Sekundarstufe I zur Verfügung. Mit der Einheit werden grundlegende Kenntnisse über die biologischen und physiologischen Leistungen der Miesmuschel und ihrer Bedeutung im Ökosystem Wattenmeer vermittelt. Darüber hinaus kann sie als Anregung dienen, wie aus einer Unterrichtseinheit ein Projekt für den BUW entstehen kann.

Prof. Dr. Oliver Lütke hat die im Zusammenhang mit der IPN-Beteiligung am Zentrum für Internationale Bildungsvergleichsstudien (ZIB) neu eingerichtete W3-Professur für Pädagogisch-psychologische Methodenforschung am IPN angetreten.

Die Kieler Forschungswerkstatt ist von der Deutschen Telekom Stiftung im „Hochschulprogramm für bessere MINT-Lehrerbildung“ als eins von vier Projekten in dem Programmverbund „Lehr-Lern-Labore in der Lehrerbildung“ zur Förderung ausgewählt worden. Insgesamt hatten sich 37 Labore beworben. Mit dem Programm werden Projekte gefördert, die sich die Verbesserung der Ausbildung von Studierenden im Lehramt in den MINT-Fächern (Mathematik, Naturwissenschaften, Informatik, Technik) zum Ziel gesetzt haben.

Am IPN startet ein neues EU-Projekt: Ziel von Irresistible ist es, Aktivitäten zu entwickeln, die Schülerinnen und Schülern und auch einer breiteren Öffentlichkeit Einblicke in Prozesse des

verantwortungsvollen Umgangs mit Forschung und Innovation (Responsible Research and Innovation, RRI) bieten. In dem Projekt arbeiten Schulen mit außerschulischen Lernorten zusammen, das IPN kooperiert mit dem Deutschen Museum in München zu den Themen „Ozean und Klima“ sowie „Nanowissenschaften“.

Ende November erhielt das IPN erneut den Zuschlag für ein von ihm im Wettbewerbsverfahren der Leibniz-Gemeinschaft beantragtes Forschungsvorhaben. In dem groß angelegten Projekt **Kompetenzentwicklung in mathematischen und naturwissenschaftlichen Lehramtsstudiengängen** (KeiLa), das über drei Jahre mit 879.206 Euro gefördert wird, nimmt das IPN das universitäre Lehramtsstudium in den Blick. Ziel ist es herauszufinden, wie angehende Lehrkräfte die für ihren späteren Beruf relevanten Kompetenzen im Studium aufbauen. Die Konkurrenz war groß. Von insgesamt 78 eingereichten Anträgen erhielten nur 34 einen positiven Bescheid.

Vom 24. bis 25. Februar 2014 hatte das IPN die für **Schülerwettbewerbe** zuständigen Referentinnen und Referenten der Länder sowie die Arbeitsgemeinschaft bundesweiter Schülerwettbewerbe zum 5. gemeinsamen Jahrestreffen nach Kiel geladen. Unter dem Motto „Gut vernetzt!“ tauschten sich die 40 Gäste aus, wie Wettbewerbe in einer vielfältigen Angebotslandschaft zum individuellen Lernen beitragen. Neben einer Denkfabrik zu Horizonten und Perspektiven informierten die vom IPN betreuten sechs

ScienceOlympiaden über aktuelle Entwicklungen und Nachhaltigkeit durch Vernetzung im Verbund dieser Wettbewerbe. Im World-Café wurde sehr konzentriert und rege diskutiert, wie Wettbewerbsorganisatoren und Kultusbehörden bei der Gestaltung von Lernkultur und Förderlandschaften kooperieren können. Abgerundet wurde das Programm durch einen Vortrag von Prof. Dr. Olaf Köller zu empirischen Befunden aus der Begabungsforschung.

Wissenschaftliche Qualifizierung und Familie – Möglichkeiten und Grenzen einer familiengerechten Gestaltung von Promotions- und Postdocstellen – zu diesem Thema fand am 25. März 2014 am Wissenschaftszentrum in Bonn ein Symposium der berufundfamilie gGmbH statt. Die Koordinatorin der auditberufundfamilie-Gruppe des IPN **Catherin Thäter** hat auf diesem Symposium zu den positiven Erfahrungen am IPN berichtet, Qualifizierung und Elternschaft zu vereinbaren. Ein Schwerpunkt in der Diskussion mit den Teilnehmerinnen und Teilnehmern aus Hochschulen und Forschungseinrichtungen war der Umgang mit Befristungen in der Qualifizierungsphase, aber auch die Suche nach geeigneten Finanzierungsmöglichkeiten nach einem Wiedereinstieg zum Abschluss von Promotionen. Eine wichtige Erkenntnis ist, den vorhandenen rechtlichen Rahmen so weit auszunutzen, dass sowohl die Interessen der Arbeit- (oder Mittel-) Geber als auch das Interesse der Nachwuchswissenschaftlerinnen und -wissenschaftler zum Abschluss einer begonnenen Qualifizierung miteinander vereinbar sind.

Der Ministerpräsident des Landes Schleswig-Holstein zu Gast am IPN



Der Ministerpräsident von Schleswig-Holstein, Torsten Albig, im Sicherheitslabor des IPN.

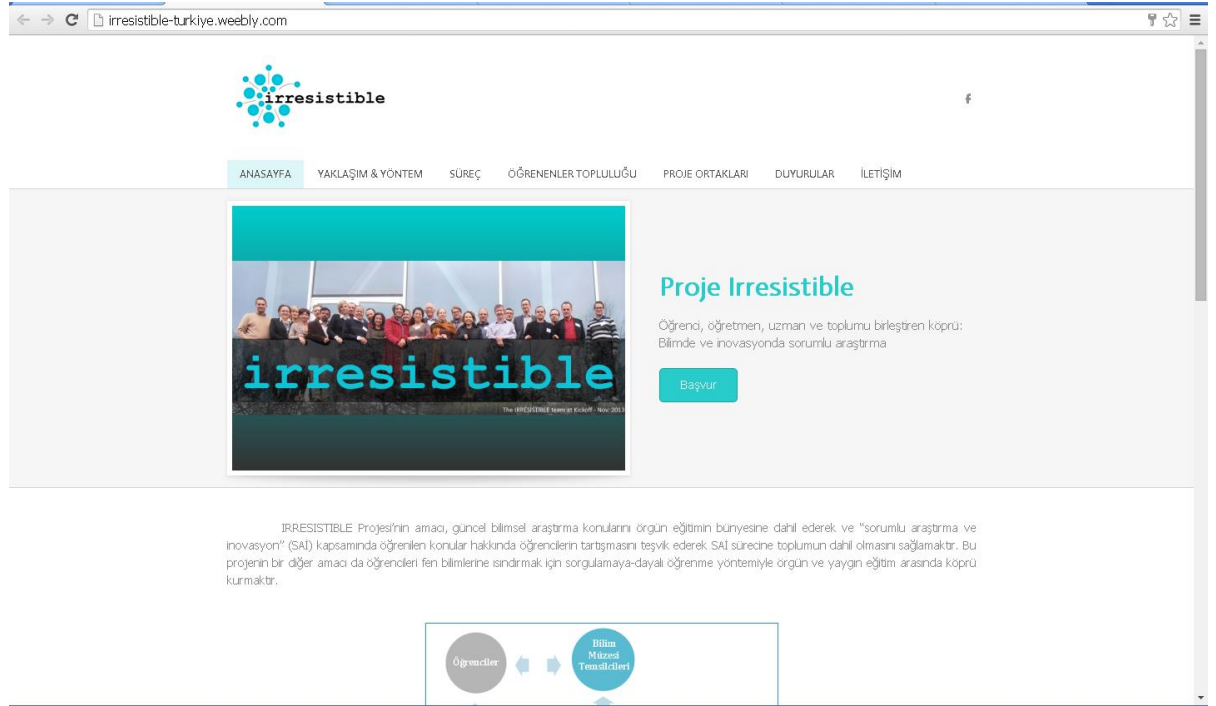
Am 26. Februar 2014 besuchte der Ministerpräsident von Schleswig-Holstein, Torsten Albig, das IPN. Er war einer Einladung des IPN gefolgt. Anliegen des Instituts war es, mit Herrn Albig über die Förderung von Schülerinnen und Schülern im Bereich der mathematisch-naturwissenschaftlichen Bildung im nördlichsten Bundesland zu diskutieren. Einen Schwerpunkt der Diskussion bildeten dabei die Schülerwettbewerbe, die vom IPN betreut werden. Herr Albig nutzte seinerseits die Gelegenheit, mit den Wis-

senschaftlerinnen und Wissenschaftlern Experten in Sachen Lehren und Lernen vor sich zu haben und Fragen erörtern zu können, die die Landesregierung derzeit beschäftigen. So wurde zum Beispiel lebhaft das Für und Wider eines integrierten naturwissenschaftlichen Unterrichts beleuchtet. Zum Schluss des rund 90minütigen Besuchs führten Frau Prof. Dr. Harms und Frau Dr. Heyduck (beide IPN) Herrn Albig im Sicherheitslabor des IPN in Techniken des gentechnischen Arbeitens ein.

Turkey - BU:**Type of Dissemination:** Digital Media/ Announcement**Name:** Official website of the Bogazici University**Title:** Boğaziçi Üniversitesi Irresistible Projesi'ne Ortak Oldu**Date:** October 20, 2014**Short Description:** The project is announced in the web page of Bogazici University.**Link:** <http://www.boun.edu.tr/tr->[TR/Content/Duyurular/Duyurular?LoadModule=News&NewsID=1119&Filter=true](http://www.boun.edu.tr/tr-TR/Content/Duyurular/Duyurular?LoadModule=News&NewsID=1119&Filter=true)

The screenshot shows the official website of Boğaziçi University. The header includes the university's logo and name in Turkish. A navigation bar lists various sections: Ana Sayfa, Boğaziçi Hakkında, Akademik, BÜ'de Araştırma, Kampüs Yaşamı, and Boğaziçi'ne Destek. The main content area features a news article titled "Boğaziçi Üniversitesi Irresistible Projesi'ne Ortak Oldu" dated 20 Ekim 2014. The article text describes the university's role in the Irresistible project, which is part of the 7th Framework Program. It mentions that the project aims to create a bridge between science and society through various initiatives like "Sorumlu Araştırma ve İnovasyon (SAİ)" and "Öğrenenler Topluluğu" (ÖTo). The article also mentions that the project is supported by the European Commission and the Ministry of National Education.

2-Type of Dissemination: Digital Media/ Website**Name:** Local website of the Project Irresistible**Title:** Irresistible**Date:** October 20, 2014**Short Description:** The project is announced in a local web page.**Link:** <http://www.irresistible-turkiye.com/>



Portugal – IE-UL:

Type of Dissemination: Digital Media/Announcement

Name: Official website of the Education Institute of Lisbon University

Title: IRRESISTIBLE - Including Responsible Research an innovation in cutting Edge Science and Inquiry-based Science education to improve Teacher's Ability of Bridging Learning Environments

Date: February 1, 2014

Short Description: The project is highlighted in the following web page of the Education Institute of Lisbon University.

Link: http://www.ie.ulisboa.pt/portal/page?_pageid=406,1812940&_dad=portal&_schema=PORTAL

The screenshot shows the website of the IRRESISTIBLE project, hosted on the University of Lisbon's portal. The header includes the University of Lisbon logo and the Instituto de Educação name. Navigation links for location, contacts, portal map, and help are present. A search bar and a login section are also visible. The main content area features a navigation menu with links to HOME, INSTITUTE, STUDENTS, COURSES, RESEARCH, and TRAINING. The current page is titled 'Home | Research | Research Projects | IRRESISTIBLE'. The main text describes the project's focus on Responsible Research and Innovation (RRI) and its goal to improve teacher training. A summary section follows, detailing the project's objectives and the role of RRI. A sidebar on the right contains a calendar for November 2014, a list of events by category, and various links to resources and services. The footer includes logos for the University of Lisbon and the Instituto de Educação.

IRRESISTIBLE - Including Responsible Research an innovation in cutting Edge Science and Inquiry-based Science education to improve Teacher's Ability of Bridging Learning Environments

Researcher (Portuguese Team)
Pedro Reis
<http://www.irresistible-project.eu>

Summary
Since 2010 the focus of Science in Society has been to develop a concept responding to the aspirations and ambitions of European citizens: a framework for Responsible Research and Innovation (RRI). Responsible Research and Innovation means that societal actors work together during the whole research and innovation process in order to better align both the process and its outcomes, with the values, needs and expectations of European society. RRI is an ambitious challenge for the creation of a Research and Innovation policy driven by the needs of society and engaging all societal actors via inclusive participatory approaches.

Through the IRRESISTIBLE Project, it is intended that students and teachers become aware of the need for cooperation between Scientific Research and Society on behalf of Research and Innovation that are, in fact, Responsible. For this to occur it is essential (a) the construction of knowledge about relevant and controversial cutting edge scientific issues, and (b) their discussion, through a RRI perspective. The scientific topics chosen have high social relevance, are subjects of research in the Project's partner universities and may be addressed in school curricula.

The main focus of the IRRESISTIBLE Project is on teacher training. Through it, we aim to reach a long lasting effect since we believe that teachers successfully using educational materials resulting from the Project, will continue to use them in the future.

Italy - UNIBO:

Type of Dissemination: Digital Media/Introducing the project

Name: Official website of the University of Bologna

Title: Irresistible

Date: April 1, 2014

Short Description: The project is highlighted in the following web page of the University of Bologna

Link: <http://www.unibo.it/en/research/projects-and-initiatives/Unibo-Projects-under-7th-Framework-Programme/capacities/science-in-society>

unibo.it Search in Unibo.it  Directories ▾ Online services ▾ Intranet My e-mail ▾ My portal

 ALMA MATER STUDIORUM A.D. 1088
UNIVERSITÀ DI BOLOGNA

- > Prospective students
- > Current students
- > Exchange students
- > Graduates
- > Business & Industry
- > Incoming Staff

IT EN

Home **University** History, Structures, Organisation **Teaching** Programmes, enrollment, final examination **Research** Projects, outcomes, technological transfer **International** Agreements, initiatives, exchange programmes **Services and opportunities** Grants, guidance, libraries

Home > Research > Projects and Initiatives > Unibo Projects under 7th Framework Programme > Capacities > SCIENCE IN SOCIETY  

Projects and Initiatives

- PhD programmes
- Business and Research
- Research at Unibo
- Research facilities

SCIENCE IN SOCIETY

Funded: 1

IRRESISTIBLE

Including Responsible Research and Innovation in cutting Edge Science and Inquiry-based Science Education to improve Teacher's Ability of Bridging Learning Environments

unibo.it

Follow us on: 

Certified e-mail - PEC Administration divisions Public Relations Office (U.R.P.) Strategic plan University budgets ECTS Label Transparent administration Calls and competitions Accessibility

Greece - UOC:

1-Type of Dissemination: Digital Media/Announcement



Name: Official website of the University of Crete


Title: Irresistible

Date: April 1, 2014


Short Description: The project is highlighted in the following web page of the University of Crete

Link: <http://irresistible-greece.edc.uoc.gr/index.php/el/>

 Engaging the Young with Responsible Research and Innovation  Κοινοπραξία Πλαίσιο Συμμετέχοντες Επικοινωνία

 **irresistible**

Engaging the Young with Responsible Research and Innovation

Αρχική 

Αρχική

Το Παιδαγωγικό Τμήμα Δημοτικής Εκπαίδευσης του Πανεπιστημίου Κρήτης συμμετέχει ως εταίρος στο ευρωπαϊκό εκπαιδευτικό πρόγραμμα με τίτλο IRRESISTIBLE (Including Responsible Research and Innovation in cutting edge Science and Inquiry-based Science education to improve teacher's ability of Bridging Learning Environments). Το έργο ξεκίνησε το Νοέμβριο 2013 και χρηματοδοτείται από το 7^ο Πρόγραμμα-Πλαίσιο για την Έρευνα (υποπρόγραμμα Επιστήμη στην Κοινωνία).

Poland - JU:**Type of Dissemination:** Digital Media/Announcement**Name:** Official website of the Department of Chemistry Education, Jagiellonian University**Title:** Project Irresistible**Date:** March 1, 2014**Short Description:** The project is highlighted in the following web page of the Department of Chemistry Education, Jagiellonian University**Link:** http://www.zmnch.pl/index.php?option=com_content&view=article&id=125&Itemid=112**Romania - VUT:****1-Type of Dissemination:** Digital Media/ Media Article**Name:** Gazeta Dâmboviței**Title:** "Elevii au învățat ce înseamnă Nanoștiințele, în cadrul proiectului IRRESISTIBLE" / English translation: "The students learnt about Nanoscience in the frame of IRRESISTIBLE Project"**Date:** April 10, 2014**Short Description:** Media article (in Romanian) - published in an electronic journal (Dâmbovița) and in the printed edition of "Dâmbovița" journal**Link:** <http://www.gazetadambovitei.ro/educatie/elevii-au-invatat-ce-inseamna-nanostiintele-in-cadrul-proiectului-irresistible>

ELEVII AU ÎNVĂȚAT CE ÎNSEAMNĂ NANOȘTIINȚELE, ÎN CADRUL PROIECTULUI IRRESISTIBLE

10 APRILIE 2014 SCRIS DE CRISTINA DINU

NICIUN COMENTARIU



Printează articolul

Ieri, la Muzeul de Istorie din Târgoviște, elevii au învățat, în cadrul unui atelier desfășurat în cadrul proiectului Irresistible, cu ocazia Săptămânii Să știi mai multe, să fii mai bun, ce înseamnă nanoștiințele și cercetarea responsabilă. Acest atelier a fost primul din cadrul proiectului și s-a adresat claselor I – IV.

Coordonatorul proiectului, Gabriel Gorghiu, consideră că Universitatea Valahia, prin acest proiect, și nu numai, are responsabilitatea de a aduce în fața publicului științele, precum și cercetarea și inovarea responsabilă.

Alături de Gabriel Gorghiu au fost profesor Rodica Ion, de la Facultatea de Știința Materialelor de la Universitatea Valahia, care le-a prezentat elevilor ce sunt nanomaterialele și nanoștiințele. Rodica Ion spune că a rămas plăcut surprinsă când a văzut că cei mici erau deja familiarizați cu noțiunile specifice științelor, având în vedere vârsta lor.

2- Type of Dissemination: Digital Media/ Blog Article

Name: Colegiul Național „Constantin Cantacuzino”

Title: “Nanoștiințele și cercetarea responsabilă” / English translation: “Nanoscience and Responsible Research”

Date: April 9, 2014

Short Description: Blog article (in Romanian) - published by National College “Constantin Cantacuzino” Targoviste, in the school blog.

Link: <http://cncc-tgv.blogspot.ro/2014/04/nanostiintele-si-cercetarea-responsabila.html>

Colegiul Național „Constantin Cantacuzino”

miercuri, 9 aprilie 2014

Nanostiintele si Cercetarea Responsabila



15 elevi din clasa a VII-a A au facut primii pasi catre nanostiinte, prin participarea la atelierul “Nanostiintele si Cercetarea Responsabila” ce s-a desfasurat miercuri, 9.04.2014, la Muzeul de Istorie in saptamana

“Sa stii mai multe , sa fii mai bun”. In cadrul acestui atelier s-au realizat prezentari, proiectii si experimente in vederea familiarizarii elevilor cu cercetarea si inovarea responsabila (RRI) in domeniul nanostiintelor. Activitatile desfasurate au fost sustinute de cadre didactice de la Universitatea Valahia din Targoviste, participante la proiectul “IRRESISTIBLE”, proiect in care este inclusa si scoala noastra. Elevii au constientizat faptul ca, fara acest domeniu nou, nanostiinte, o societate moderna nu poate exista si promit ca, impreuna cu dna. profesor Zuga Niculina, reprezentat al scolii noastre in acest proiect, vor investiga, vor experimenta nanofluide si nanomateriale si vor studia aplicatiile nanotehnologiei in medicina, in industrie si in alte domenii de activitate. Le dorim mult succes!

3-Type of Dissemination: Digital Media/ Journal Article

Name: Prahova

Title: “Cele mai avansate tehnologii utilizate în muzee vor fi prezentate la Ploiești” / English translation: “The Most Advanced Technologies Used in Museums will be presented in Ploiești”

Date: May 12, 2014

Short Description: Media article (in Romanian) - published in an electronic and printed journal

(Prahova).

Link: <http://www.ziarulprahova.ro/stiri/cultura/174977/cele-mai-avansate-tehnologii-utilizate-in-muzee-vor-fi-prezentate-la-ploiesti>

The screenshot shows the homepage of Ziarul Prahova. At the top, there's a header with the newspaper's name 'PRAHOVA' in large red letters, 'FONDAT 1870' above it, and 'cotidian de opinie si informatie' below it. To the right, there's a weather section for Ploiesti, Prahova, showing 6°C, and a search bar. Below the header is a navigation menu with categories: POLITICA, ECONOMIE, CULTURA, SOCIAL, SPORT, INVESTIGATII, SPIRITUALITATE, and REALITAT. The main content area features a headline in red: 'Cele mai avansate tehnologii utilizate in muzee vor fi prezentate la Ploiesti'. Below the headline is the date '(Luni, 12 mai 2014)' and a 'Marime text' option. The author is listed as 'Ana M.'. The article text discusses the use of advanced technologies in museums, mentioning the Județean Museum of Natural Science in Prahova and the 'IRRESISTIBLE' project. At the bottom of the article, there's a link to the printed version: 'Articolul poate fi citit si in editia tiparita'. Below the article, there are social media and utility icons: BOOKMARK, Printeaza, Email, Contacteaza redactia, and Trimite pe messenger.

4-Type of Dissemination: Digital Media/ Journal Article

Name: Telegrama

Title: "Educație pentru cercetare și inovare"/English translation: "Education for Research and Innovation"

Date: May 16, 2014

Short Description: Media article (in Romanian) - published in an electronic journal (Telegrama).

Link: <http://www.telegrama.ro/cultura/item/25332-educatie-pentru-cercetare-si-inovare>

🏠	ACTUALITATE	POLITICĂ	ADMINISTRAȚIE	ECONOMIE	SOCIAL	EDUCAȚIE	RELIGIE	SĂNĂTATE	CULTURĂ	S
MONDEN	EVENIMENT	REMEDIU	REȚETE	PUBLICITATE	INFO UTILE	ABONAMENTE	BANCUL ZILEI	ANUNȚURI	REDAȚ	

Educație pentru cercetare și inovare

📅 Mai 16, 2014

✍️ Scris de Roxana Manolache

💬 Fii primul care postează comentarii!

Evaluează acest articol ⭐⭐⭐⭐⭐ (1 Vot)

dimensiunea fontului ⚙️



Miercuri, 14 mai, la Muzeul Județean de Științele Naturii Prahova s-a desfășurat atelierul "Instrumente Multimedia pentru promovarea conceptului de Cercetare și Inovare Responsabilă în cercetarea muzeală", organizat în cadrul proiectului cu finanțare europeană "Irresistible". La acțiunea propusă de muzeul prahovean și Comunitatea de Învățare din România a proiectului au participat elevi de la școlile ploieștene, de la clasa a III-a până la a X-a, dornici să afle cât mai multe informații despre acest concept. A fost prezentat Ghidul Multimedia al Muzeului de Științele Naturii de către muzeograful specialiști, instrumentele Multimedia utilizate în promovarea Educației pentru Științe, au fost vizionate videoclipuri educaționale destinate Educației pentru Științe. "Proiectul încearcă să facă cunoscute cercetarea și inovarea responsabile, mediului educațional, elevilor, profesorilor și tuturor celor interesați. Organizăm periodic astfel de întâlniri, iar tot ce este expus în sălile muzeului și ce se prezintă ca instrumente Multimedia, reprezintă

rezultate ale cercetărilor întreprinse anterior. Activitatea de cercetare trebuie să se facă încă de pe băncile școlii și întâlnirile noastre reprezintă o oportunitate pentru a înțelege ce înseamnă știința și poate că pe unii dintre elevi îi va face să se gândească să îmbrățișeze și meseria de cercetător, în anii care vor

Greece - EF:

1-Type of Dissemination: Digital Media/Announcement

Name: Official website of the Eugenides Foundation

Title: Ένα έργο για την Συμμετοχή των Νέων στην Υπεύθυνη Έρευνα και Καινοτομία/(A project for Participation of Young People in Responsible Research and Innovation)

Date: July 1, 2014

Short Description: 1st announcement on the project was produced and uploaded on the EF portal.

Link: <http://www.eugenfound.edu.gr/frontoffice/portal.asp?cpage=RESOURCE&cresrc=4003&cnode=89>

ΙΔΡΥΜΑ ΕΥΓΕΝΙΔΟΥ
ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

- ΤΟ ΙΔΡΥΜΑ
- ΥΠΟΤΡΟΦΙΕΣ
- ΕΚΔΟΤΙΚΟ ΤΜΗΜΑ
- ΒΙΒΛΙΟΘΗΚΗ
- ΠΛΑΝΗΤΑΡΙΟ
- ΔΙΑΔΡΑΣΤΙΚΗ ΕΚΘΕΣΗ Ε&Τ
- ΟΡΓΑΝΩΣΗ ΣΥΝΕΔΡΙΩΝ
- ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ**
 - Εκπαιδευτικά Προγράμματα
 - Εκδόσεις
 - Σεμινάρια / Εργαστήρια
 - Βιβλιοπαρουσιάσεις
 - Ομιλίες - Διαλέξεις
 - Ειδικές Εκδηλώσεις
 - Καφενείο Επιστήμης
 - Συνέδρια
 - Ημερολόγιο
- ΕΡΓΑΣΤΗΡΙΟ ΤΕΧΝΟΛΟΓΙΑΣ

Σύνθετη αναζήτηση

ΨΗΦΙΑΚΕΣ ΣΥΛΛΟΓΕΣ

- ΕΚΔΟΣΕΙΣ ΙΔΡΥΜΑΤΟΣ
- ΨΗΦΙΑΚΗ ΒΙΒΛΙΟΘΗΚΗ
- ΑΣΤΡΟΠΥΛΗ
- ΨΗΦΙΑΚΟΣ ΚΟΣΜΟΣ

Αρχική :: Επικοινωνία :: Πρόσβαση :: Συχνές Ερωτήσεις :: Περιεχόμενα

Επιλογές για ΑΜΕΑ:

Νέα > Ημερολόγιο > Πρόγραμμα Προβολών > Ενημερωτικό Δελτίο > Δ. Τύπου >

Ελληνικά English

ΙΔΡΥΜΑ ΕΥΓΕΝΙΔΟΥ > ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ > Εκπαιδευτικά Προγράμματα

irresistible

Ένα έργο για την Συμμετοχή των Νέων στην Υπεύθυνη Έρευνα και Καινοτομία

Ένα νέο εκπαιδευτικό έργο ξεκίνησε στο Ίδρυμα Ευγενίδου με τίτλο IRRESISTIBLE, από τον Νοέμβριο του 2013, με επιμορφωτικές δράσεις για εκπαιδευτικούς και μαθητές/τριες ηλικίας 12-18 ετών.

Ο στόχος του έργου **IRRESISTIBLE** είναι να σχεδιάσει εκπαιδευτικές δραστηριότητες, που να ενισχύουν τη συμμετοχή των μαθητών/τριών και του κοινού στην διαδικασία της Υπεύθυνης Έρευνας και Καινοτομίας (RRI). Αυτό θα επιτευχθεί με την εισαγωγή σχετικών θεμάτων έρευνας αιχμής στο έργο συνδυάζοντας για αυτόν τον σκοπό τυπικές (σχολείο) και άτυπες (κέντρο επιστημών, μουσείο) μορφές μάθησης. Με την χρήση του διδακτικού μοντέλου 6E [Εμπλοκή (Engage), Εξερεύνηση (Explore), Εξήγηση (Explain), Επεξεργασία (Elaborate), Ανταλλαγή (Exchange), Αξιολόγηση (Evaluate)], ενός μοντέλου που βασίζεται στην μάθηση μέσω διερεύνησης, οι μαθητές θα εξοικειωθούν με τις επιστημονικές διαδικασίες, ενισχύοντας παράλληλα τη συζήτηση για θέματα RRI.

Το έργο IRRESISTIBLE χρηματοδοτείται από την Ευρωπαϊκή Επιτροπή (7ο Πρόγραμμα-Πλαίσιο για την Έρευνα, Υποπρόγραμμα: Επιστήμη στην Κοινωνία) και αναμένεται να ολοκληρωθεί τον Οκτώβριο του 2016. Στο έργο συμμετέχουν το Πανεπιστήμιο Κρήτης, ως συντονιστής σε τοπικό επίπεδο, και άλλα 9 Πανεπιστήμια από: Γερμανία, Ολλανδία, Πορτογαλία, Πολωνία, Φινλανδία, Τουρκία, Ισραήλ, Ιταλία, Ρουμανία καθώς επίσης κέντρα επιστημών από τις χώρες προέλευσης των πανεπιστημίων. Κάθε πανεπιστήμιο συνεργάζεται με ένα κέντρο επιστημών από την ίδια χώρα για την εφαρμογή του προγράμματος των δραστηριοτήτων. Συντονιστής του έργου είναι το Πανεπιστήμιο του Groningen (Ολλανδία).

Το έργο Irresistible χωρίζεται σε 2 φάσεις (σχήμα 1):

Φάση I (Φεβρουάριος 2014 - Απρίλιος 2015)

Στο πλαίσιο του έργου σε κάθε χώρα δημιουργείται μια «Κοινότητα Μάθησης» (Community of Learners), η οποία θα αποτελείται από πέντε εκπαιδευτικούς, από ειδικούς πάνω σε θέματα διδακτικής των Φυσικών επιστημών από τα πανεπιστήμια, μουσειοπαιδαγωγούς, ειδικούς στην επικοινωνία της επιστήμης και ερευνητές από το αντίστοιχο επιστημονικό πεδίο. Κάθε κοινότητα θα αναπτύξει μια διδακτική ενότητα από τον χώρο των φυσικών επιστημών,

2-Type of Dissemination: Digital Media/ A Facebook Page

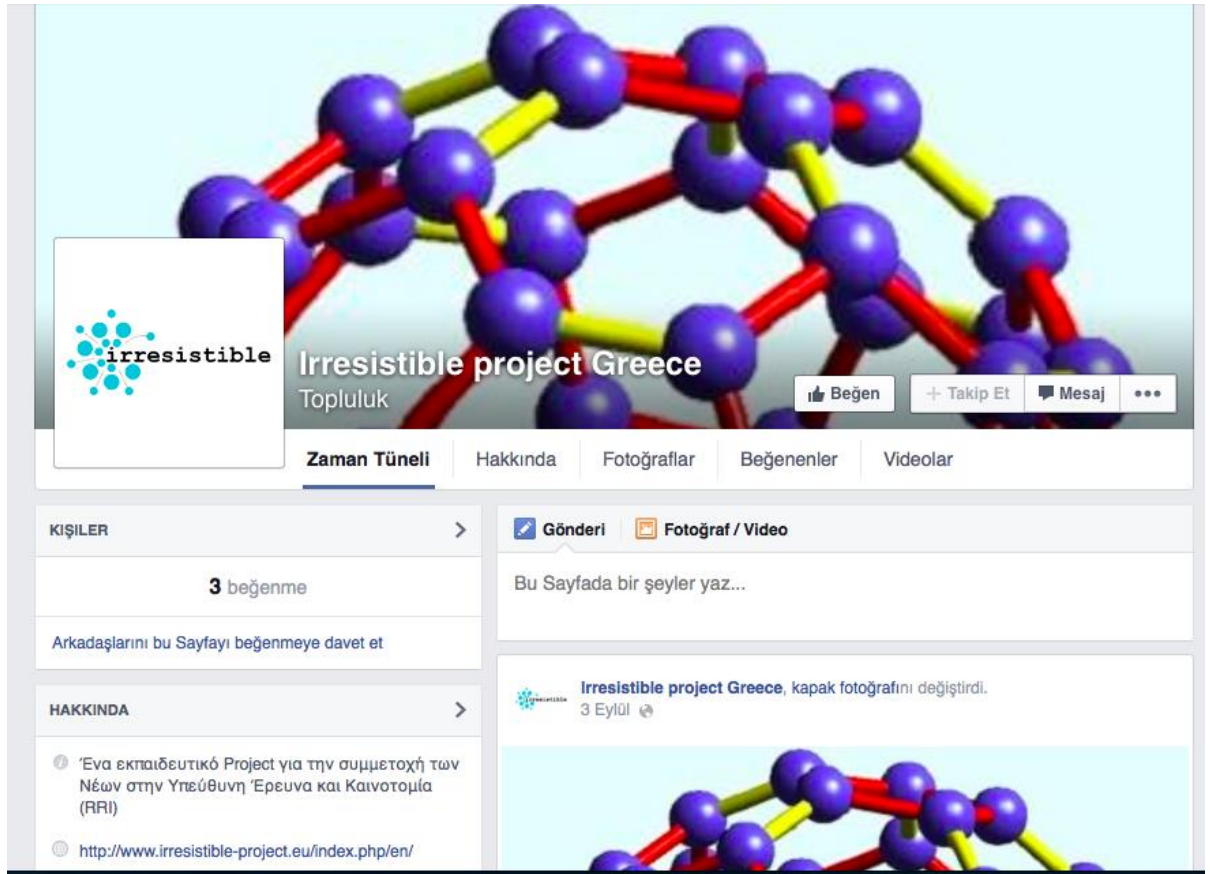
Name: Facebook Page

Title: Irresistible Project Greece

Date: September 1, 2014

Short Description: A Facebook page in Greek was created for the local audience. Various text chunks have been drafted for the page

Link: [facebook.com/irresistible- project-Greece](https://www.facebook.com/irresistible-project-Greece)



3. CONCLUSIONS

Mass and electronic media have been selected as tools for dissemination. First of all, within the first year of the project two newsletters describing the goals, strategies, procedure and the activities, were generated and distributed electronically.

The project partners used both mass and electronic media effectively in various platforms. Specifically mass media was preferred by the Romania partner, as they published newspaper articles and TV news clippings.

Electronic dissemination of the project was done through several channels. Some of the partners, namely Eugenides Foundation from Greece, University of Bologna from Italy, Netherlands, Poland, Portugal and Turkey, used their institution's website to announce the project. Some partners, e.g. IPN from Germany, disseminated the project via a newsletter published by their institution. Electronic journals were also used to publish an article about the project. The team from Romania published their work in 3 different electronic journals and one school's blog. In addition, local websites were used by the partners from Israel and Turkey.

In conclusion, mass and electronic media were effectively used for international and local dissemination of the project.

Annex

Links for the newsletters:

Newsletter #1

<http://us8.campaign-archive2.com/?u=30379da397ae55de0b85ab2b9&id=23f29e7c1a&e=d0118d88ab>

Newsletter #2

<http://us9.campaign-archive2.com/?u=e1f843d688f267bca08aa772d&id=9319df4cc5&e=8dff91bc70>

Links for the dissemination activities used by partners:

Germany

ftp://ftp.rz.uni-kiel.de/pub/ipn/ipn-blaetter/IPN_Blaetter_1_2014.pdf

Greece

- <http://www.eugenfound.edu.gr/frontoffice/portal.asp?cpage=RESOURCE&cresrc=4003&cnode=89>
- [facebook.com:irresistible- project-Greece](https://facebook.com/irresistible-project-Greece)

Italy

<http://www.unibo.it/en/research/projects-and-initiatives/Unibo-Projects-under-7th-Framework-Programme/capacities/science-in-society>

Israel

<http://stwww.weizmann.ac.il/g-chem/irresistible/>

Netherlands

- http://www.rug.nl/sciencelinx/nieuws/20140925_irresistible
- http://www.rug.nl/sciencelinx/nieuws/20141028_lissabon

Poland

http://www.zmnch.pl/index.php?option=com_content&view=article&id=125&Itemid=112

Portugal

http://www.ie.ulisboa.pt/portal/page?_pageid=406,1812940&_dad=portal&_schema=PORTAL

Romania

- <http://www.gazetadambovitei.ro/educatie/irresistible-un-nou-proiect-international-de-cercetare-la-universitatea-valahia-din-targoviste>
- <http://www.columnatv.ro/tv/nanostiintele-si-cercetarea-responsabila>
- <http://www.youtube.com/watch?v=uBY0PrMUdtw>
- <http://www.gazetadambovitei.ro/educatie/elevii-au-invatat-ce-inseamna-nanostiintele-in-cadrul-proiectului-irresistible>
- <http://cncc-tgv.blogspot.ro/2014/04/nanostiintele-si-cercetarea-responsabila.html>

- <http://www.ziarulprahova.ro/stiri/cultura/174977/cele-mai-avansate-tehnologii-utilizate-in-muzee-vor-fi-prezentate-la-ploiesti>
- <http://www.telegrama.ro/cultura/item/25332-educatie-pentru-cercetare-si-inovare>

Turkey

- <http://www.boun.edu.tr/tr-TR/Content/Duyurular/Duyurular?LoadModule=News&NewsID=1119&Filter=true>
- <http://www.irresistible-turkiye.com/>

References

Curran, J.; Gurevitch, M., & Woolacott, J. (1979). *Mass Communication and Society*. Beverly Hills, California: Sage Publications.