

TITLE: DIALOGUE AND PARTECIPATION SUBTITLE: PROJECT INFRASTRUCTURE REPORT 2

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ASSET

Action plan on SiS related issues in Epidemics And Total Pandemics

7th RTD framework programme

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Responsible partner: ZADIG

Contributing partners: ABSISKEY,ISS

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Task: T1.3 Project Infrastructure

Leader: ZADIG - Other contributors: ABSISKEY,ISS

History of changes:

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	S			
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1	r		Eva Benelli	
	а			
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f	i		Eva Benelli	
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EXECUTIVE SUMMARY

ASSET (Action plan in Science in Society in Epidemics and Total pandemics) is a 48 month Mobilisation and Mutual Learning Action Plan (MMLAP), which aims to:

- 1) forge a partnership with complementary perspectives, knowledge and experiences to effectively address scientific and societal challenges raised by pandemics and their associated crisis management
- 2) explore and map SiS-related issues in global pandemics
- 3) define and test a participatory and inclusive strategy to succeed
- 4) identify necessary resources to make the action sustainable after the project's completion.

This report describes the two pillars that sustain the ASSET network: the Virtual space of interaction (the Community of Practice) and the EU-funded MMLAPs virtual cluster.

Both activities started at the end of 2014, suffering from an overall project delay due to the project coordinator change: the entire ASSET project started de facto in the second half of the first year (2014).

Meanwhile the activity soon became intense and the Community of Practice (ASSET CoP) has confirmed its crucial role of internal communication tool for the partners of ASSET.

As for the MMLAP virtual cluster, it was completed the investigation of the new projects, the active projects and the closed ones. All coordinators were contacted and many have responded and visited the ASSET project community.







1. INTRODUCTION

This report describes the two lines of activities as requested by the DOW.

"The project infrastructure is a virtual place of interaction that encourages the transfer of knowledge, the development of new ideas, the re-framing of problems, and the finding of original solutions. The project infrastructure includes:

- An online system for discussing and voting on proposals about topics, issues, and opportunities to be addressed as they emerge during the Action. We will adopt anopen-source software, powering internet platforms for proposition development and decision making. The system should combine concepts of a non-moderated, self-organized discussion process (quantified, constructive feedback) and liquid democracy (delegated or proxy voting). The main goal is to facilitate a transparent and participatory discussion, allowing multi-actor cooperation and transfer of knowledge among partners. Initially the platform will be restricted to project partners, yet we will progressively extend access to stakeholder representatives as they are involved in the project, thus injecting them into the core of the Action Plan, creating a wider community and crossing sectors, disciplines, levels (local, national, supranational), and areas both geopolitical and cultural. A Beta Version of the platform will be available by m6.
- An ongoing, informal, MMLAP virtual cluster that may facilitate the exchange of experiences with other MMLAPs and promote best practices. The MMLAP virtual cluster will provide a rare opportunity to learn from others with whom ASSET partners may not interact on a regular basis and to learn from their experiences in MMLAPs. Learning from other MMLAPs should not focus only on infectious outbreaks and related crises, but on how others have tried to achieve their goals in other fields such as environment, education, agriculture, etc. (e.g., what works and what does not work in participatory practices, training, and communication with stakeholders). In order to identify the best practices, the task leader will contact MMLAP coordinators and relevant partners, exchange documents, and ask each MMLAP to appoint a liaison officer with ASSET. To the greatest extent possible we will then try to establish a database, which will be hosted on the ASSET website and will be made accessible to the ASSET partners and to all the MMLAPs that have accepted to participate in the cluster exercise. This will also be done in order to develop a 'RRI momentum' early in Horizon 2020. The Beta Version of the virtual cluster will be online by m12. The virtual cluster will run for the whole project life".







2. THE COMMUNITY OF PRACTICE PLATFORM

In order to encourage intense long-distance exchange, which makes up the project's essence, we have created a place of virtual interaction called the project Community of Practice, CoP (http://community.asset-scienceinsociety.eu/) that encourages the transfer of knowledge; the development of new ideas; the reframing of problems; and the finding of original solutions.

The CoP is based on an open-source software, MOODLE, which powers internet platforms for proposition development and decision making. The system combines concepts of a non-moderated, self-organized discussion process (quantified, constructive feedback) and liquid democracy.

If the first year of ASSET activity have seen the CoP restricted to project partners, we progressively extended the access to stakeholder representatives as they are involved in the project, thus injecting them into the core of the Action Plan, creating a wider community, and crossing sectors, disciplines, levels (local, national, supranational), and areas both geopolitical and cultural.

As a result of the many activities undertaken by the project over the last 18 months even the CoP has been greatly enriched by opening protected areas for some important stakeholders, such as members of the External Advisory Board, the participants at the High Level Policy Forum and the coordinators of MMLAP projects or other projects next to the ASSET themes.

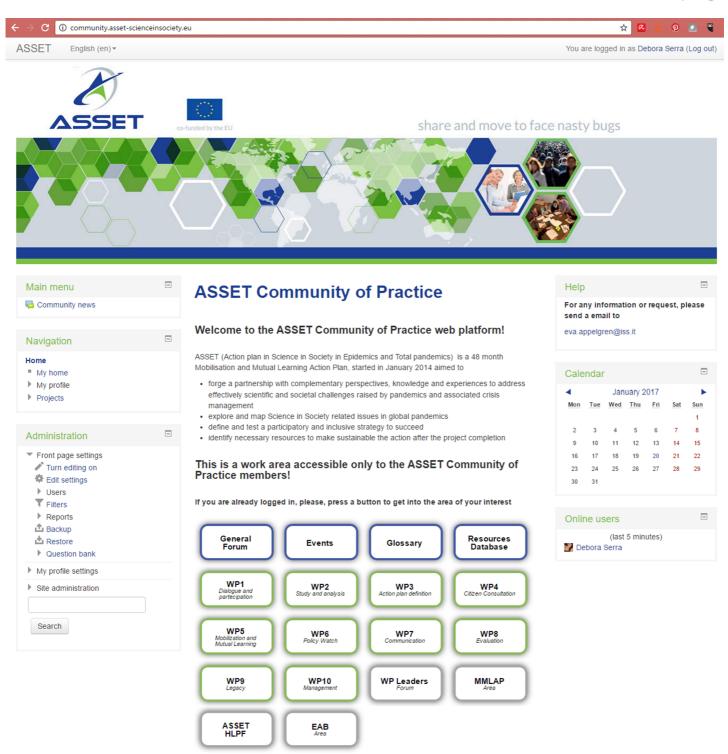
See below the CoP homepage today:







share and move to face nasty bugs



You are logged in as Debora Serra (Log out)

moodle







The ASSET Web Platform is then an online system with several services tailored on ASSET needs: for each WP and different stakeholders there is an open forum for discussing proposals about topics, issues, and opportunities to be addressed as they emerge during the Project; the activity leading to the expected deliverables is enriched by each WP forum space that contributes to the work in progress, so that each ASSET product is transparently available to all ASSET participants. A deliverables repository is also included as well as a common events calendar and a resource space.

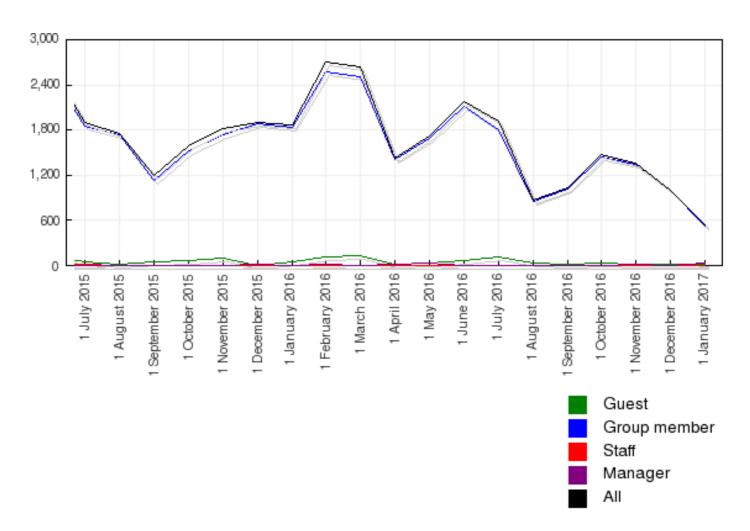
If the first year sees the CoP restricted to project partners, we progressively extended the access to stakeholder representatives as they are involved in the project (I.e. others MMLAP projects), thus injecting them into the core of the Action Plan, creating a wider community, and crossing sectors, disciplines, levels (local, national, supranational), and areas both geopolitical and cultural.

2.2 Results

A dedicated tool is applied for monitoring the access to the CoP. Statistics of access are considered a proxy for Project participation.

The following graph offers the number of accesses by time. Numbers of accesses are available by each of the 10 Work packages, by the general project forum and by the different stakeholders areas.





The graph shows the evolution of a mature instrument, used regularly, and where the peaks correspond to the periods when individual issues or deadlines require greater involvement of partners.

From July 4 to december 30 2016, there have been 6506 accesses to the CoP, more than a thousand per month, a constant increasing access trend.

The CoP is not the only internal communication tool of ASSET: in fact, many contacts still go through ordinary e-mail. Moreover, every day the CoP system sends to all registered individuals a digest (in the chosen language) with the contributions received in the previous 24 h: in this way, all the ASSET participants do receive the info with the contents of the contributions; if full info are required or access to deposited files, then







the user can click on the mail message and enter the CoP . This to say that the CoP accesses only cover a portion of internal ASSET contacts.

In conclusion, the Community of Practice combines the best automatic functions imagined by Moodle with a human touch. Everything is finalized to create a true group of work capable of sharing activities as well as exchanging various ideas, experiences, and points of view.







3. THE MMLAP VIRTUAL CLUSTER

3.1 Objectives

To create an ongoing, informal, virtual cluster to not only facilitate the exchange of experiences with other MMLAPs and to promote best practices, but also to create the opportunity to learn from others on a regular basis by comparing methods.

3.2 Methods

Over the last 18 months we have enriched the virtual cluster database. Because many MMLAP reached their conclusion and, apparently, fewer projects of this type were started, we expanded the inclusion criteria also including similar projects or by topic (preparedness, pandemics, epidemics etc.) or by methodological approach (two way communication, RRI, science and society themes etc.).

See attached list.

3.3 Results

All project coordinators were contacted and invited to share documents, content and materials, through the dedicated area created on CoP.

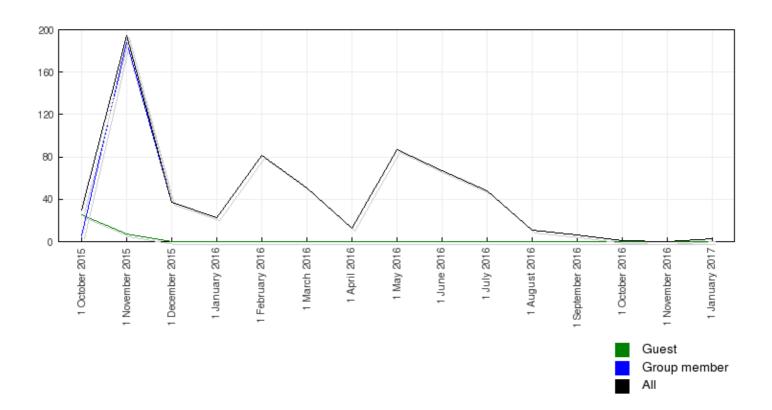
All have shown interest in the project and many have visited the CoP, as the graph below shows.







Figure 2: accesses to the MMLAP area on the ASSET CoP









Ongoing projects

BEWATER - <u>Making society an active participant in water adaptation to global</u> change

Ref.: 612385

Start date: 2013-10-01, End date: 2017-03-31

Sustainable water management under climate change is an urgent challenge for the Euro-Mediterranean region. Future climate change projections estimate an increase in water scarcity and droughts in the region, causing substantial socioeconomic losses and environmental impacts.

Programme: FP7-SIS

Booklet

http://www.bewaterproject.eu/

Project coordinator: Anabel Sanchez - anabel@creaf.uab.es

CASI Public Participation in Developing a Common Framework for Assessment and Management of Sustainable Innovation

Ref.: 612113

Start date: 2014-01-01, **End date:** 2017-06-30

The proposal responds to the Horizon 2020 challenge called ""Climate action, resource efficiency and raw materials". In addition, it addresses the second specific challenge of the Mobilising and Mutual Learning Action Plans (MMLAP)

topics, listed in the Science in Society.

Programme: FP7-SIS Record Number: 111387 Last updated on: 2015-09-17

Booklet

http://www.casi2020.eu/

http://www.casi2020.eu/help-and-contact/

MAPPING - "Managing Alternatives for Privacy, Property and INternet

Governance" Ref.: 612345

Start date: 2014-03-01, **End date:** 2018-02-28

Building on the results of several EU FP7 projects including CONSENT (covering on-line consent and privacy in social networks), SMART and RESPECT (which

cover smart and on-line surveillance, etc.).

Programme: FP7-SIS







Record Number: 111214 Last updated on: 2015-03-11

Booklet

https://www.mappingtheinternet.eu/ Project coordinator: Joseph Cannataci JoeCannataci@mappingtheinternet.eu

PANDEM

PANDEM (Pandemic Risk and Emergency Management) will contribute to the reduction in the health, socio-economic and security consequences of future pandemics so that society will be better prepared at regional, national, EU and global level.

Start date 2015-09-01, End date 2017-02-28

Project coordinator: Elizabeth Speakman <u>elizabeth.speakman@lshtm.ac.uk</u> http://cordis.europa.eu/project/rcn/197272 en.html

PE2020

The mission of the PE2020-project is to identify, analyze and define innovative public engagement (PE) tools and instruments for dynamic governance in the field of Science in Society (SiS).

http://pe2020.eu/about/

Start date 2014-02-01, **End date** 2017-01-31

http://cordis.europa.eu/project/rcn/110581_en.html

Project coordinator: Mikko Rask mikko.rask@helsinki.fi

PREPARE (Platform for European Preparedness Against (Re-)emerging Epidemics) is an EU funded network for harmonised large-scale clinical research studies on infectious diseases, prepared to rapidly respond to any severe ID outbreak, providing real-time evidence for clinical management of patients and for informing public health responses.

Start date 2014-02-01, **End date** 2019-01-31

http://www.prepare-europe.eu/

Project coordinator: Herman Goossens

herman.goossens@uza.be

http://cordis.europa.eu/project/rcn/110174_en.html

SATORI - <u>Stakeholders Acting Together On the ethical impact assessment of</u>

Research and Innovation

Ref.: 612231

Start date: 2014-01-01, **End date:** 2017-09-30







SATORI is a 45-month project, comprising 17 partners from 13 countries, including an intergovernmental organisation, the aim of which is to improve respect of ethics principles and laws in research and innovation.

Programme: FP7-SIS Record Number: 111019 Last updated on: 2015-10-23

Booklet

Project coordinator: Daniela Ovadia dovadia@agenziazoe.it

Stakeholders Acting Together On the ethical impact assessment of Research and

Innovation

SMART-map.

Roadmaps to Societal Mobilisation for the Advancement of Responsible industrial Technologies

https://www.ceu.edu/project/smart-map-roadmaps-societal-mobilisation-advancement-responsible-industrial-technologies

Start date: May, 2016, End date October, 2018

Contact: Angela Simone angela.simone@fondazionebassetti.org

SYN-ENERGENE - <u>Synthetic biology</u> - <u>Engaging with New and Emerging Science</u> and <u>Technology in Responsible Governance of the Science and Society</u> Relationship

Ref.: 321488

Start date: 2013-07-01, **End date:** 2017-06-30

"Synthetic biology (SynBio) offers huge potential for applications in energy, health and the environment. It also brings with it various challenges such as regulatory issues of biosafety, biosecurity and intellectual property rights.

Programme: FP7-SIS Record Number: 108718 Last updated on: 2015-10-15

Booklet

Contacts: Christopher Coenen (ITAS): christopher.coenen@kit.edu

Steffen Albrecht (ITAS): steffen.albrecht@kit.edu

Harald Koenig (ITAS): h.koenig@kit.edu







Completed projects

ASIAFLUCAP

http://cordis.europa.eu/project/rcn/86768 en.html

Start date 2008-05-01, **End date** 2011-04-30

Health system analysis to support capacity development in response to the threat of pandemic influenza in Asia

http://www.cdprg.org/asiaflucap.php

Contact:

Nicola Lord Nicola.Lord@lshtm.ac.uk

BASE

http://cordis.europa.eu/project/rcn/105324_en.html

Start date 2012-10-01 **End date** 2016-09-30

Bottom Up Climate Adaptation Strategies Towards a Sustainable Europe

http://base-adaptation.eu

Contacts:

Alessio Capriolo: alessio.capriolo@isprambiente.it

Claudio Maricchiolo claudio.maricchiolo@isprambiente.it

Luciana Sinisi luciana.sinisi@isprambiente.it

ECOM

Effective communication in outbreak management: development of an evidence-based tool for Europe http://ecomeu.info/

Start date 2012-02-01, End date 2016-01-31

http://cordis.europa.eu/project/rcn/102210_en.html

Projects coordinators:

Helene Voeten hacm.voeten@rotterdam.nl

Jeff French jeff.french@strategic-social-marketing.org

EJOLT - Environmental Justice Organizations, Liabilities and Trade

Ref.: 266642

Start date: 2011-03-15, End date: 2015-03-14

Environmental Justice Organizations (EJOs) are civil society organizations locally or globally involved in conflicts over resource extraction or waste disposal. Such conflicts

increase in number as the world economy uses more materials and energy.

Programme: FP7-SIS Record Number: 98856 Last updated on: 2016-04-26

Booklet







http://www.ejolt.org/

Contact Leah Temper - leah.temper@gmail.com

EPIWORK

http://www.epiwork.eu/

http://cordis.europa.eu/project/rcn/89255 en.html

Star date 2009-02-01 End date 2013-07-31

Developing the framework for an epidemic forecast infrastructure

Contact: info@epiwork.eu

FLUMODCONT

http://cordis.europa.eu/project/rcn/86763_en.html

Start date 2008-06-01, End date 2011-05-31

Modelling the spread of pandemic influenza and strategies for its containment and

mitigation

Scientific Coordinator: Università degli studi di Trento

GAP2 - Bridging the gap between science, stakeholders and policy makers Phase 2:Integration of evidence-based knowledge and its application to science and management of fisheries and the marine environment

Start date: 2011-04-01, **End date:** 2015-03-31

GAP2 is about making a difference to an issue of significance to the whole of society; the wellbeing of the marine environment and the sustainability of fisheries upon which society depends for food. It builds on the relationships, processes and plans arising from GAP1

Programme: FP7-SIS Record Number: 99712 Last updated on: 2016-01-08

Booklet

Bridging the gap between science, stakeholders and policy makers

http://gap2.eu/

Scientific Coordinator: Steven Mackinson steve.mackinson@cefas.co.uk

HProImmune Promotion of immunization for health professionals in Europe

http://www.hproimmune.eu/

Start date: 2011/09/01 End date: 2014/07/08

Contatcts:

Afroditi Veloudaki <u>a.veloudaki@prolepsis.gr</u>

Pania Karnaki <u>p.karnaki@prolepsis.gr</u> Agoritsa Baka <u>agoritsabaka@gmail.com</u>







INPROFOOD - Towards inclusive research programming for sustainable food

innovations Ref.: 289045

Start date: 2011-11-01, End date: 2014-10-31

Over the past decade, most EU Member States have identified food and health as key priorities. This is in response to increases in obesity and diet-related chronic diseases

such as diabetes and cardiovascular diseases amongst their populations.

Programme: FP7-SIS Record Number: 102222 Last updated on: 2016-01-08

Booklet

http://www.inprofood.eu/

Contact:

Klaus Hadwiger klaus.hadwiger@uni-hohenheim.de

MARLISCO - MARine Litter in Europe Seas: Social AwarenesS and CO-Responsability

Ref.: 289042

Start date: 2012-06-01, **End date:** 2015-05-31

Marine environments are central to human well being, but they are also extensively threatened by our activities. The MARLISCO proposal seeks to raise societal awareness of both the problems and the potential solutions relating to a key issue threatening marine habitats.

Programme: FP7-SIS
Record Number: 103611
Last updated on: 2016-04-11

Booklet

Contact: Doriana Calilli d.calilli@provincia.teramo.it

M-Eco

Medical ecosystem – personalized event-based surveillance

http://www.meco-project.eu/

Start Date: 2010-01-01, **End date**: 2012-06-30

Scientific coordinator: Kerstin Denecke denecke@L3S.de

NERRI - Neuro-Enhancement: Responsible Research and Innovation

Ref.: 321464

Start date: 2013-03-01, End date: 2016-05-31

This project aims to contribute to the introduction of Responsible Research and Innovation in neuro-enhancement (NE) in the European Research Area and to the shaping of a normative framework underpinning the governance of NE technologies.

Programme: FP7-SIS







Record Number: 108652 Last updated on: 2016-04-26

Booklet

http://www.nerri.eu/eng/home.aspx

PACITA - Parliaments and Civil Society in Technology Assessment

Ref.: 266649

Start date: 2011-04-01, End date: 2015-03-31

"The PACITA Mobilisation and Mutual Learning Action Plan will distribute capacity and enhance the institutional foundation for knowledge-based policy-making on issues

involving science, technology and innovation.

Programme: FP7-SIS Record Number: 98487 Last updated on: 2015-03-10

Booklet

http://www.pacitaproject.eu/

PERARES

http://cordis.europa.eu/project/rcn/94941_en.html

Start date 2010-05-01, End date 2014-10-31

Public Engagement with Research And Research Engagement with Society

Contact: Andrea Vargiu -larvanet@tin.it

PHEME

http://cordis.europa.eu/project/rcn/191627 en.html

Start date 2014-01-01, **End date** 2016-12-31

Computing Veracity - the Fourth Challenge of Big Data

Project coordinator: Kalina Bontcheva

K.Bontcheva@dcs.shef.ac.uk

R&DIALOGUE - Research and Civil Society Dialogue towards a low-carbon society

Ref.: 288980

Start date: 2012-06-01, **End date:** 2015-11-30

The objective of the R&Dialogue project is to create mechanisms for effectively tackling the scientific and technology related challenges faced by society by proactively bringing

together different actors with complementary knowledge and experiences.

Programme: FP7-SIS Record Number: 103605 Last updated on: 2016-04-26

Booklet Contacts:







Gert-Jan van der Panne <u>info@rndialogue.eu</u> Samuela Vercelli - samuelavercelli@gmail.com

SEISMiC - SEISMiC, Societal Engagement in Science, Mutual learning in Cities

Ref.: 612493

Start date: 2013-10-29, **End date:** 2016-10-28

The European Research Area is targeting efforts in research and innovation on the

current challenges faced by society.

Programme: FP7-SIS Record Number: 185532 Last updated on: 2016-04-11

Contact: Austrian Institute of Technology

SFS - Sea For Society

Ref.: 289066

Start date: 2012-06-01, **End date:** 2015-11-30

Sea for Society (SFS) has brought together a multidisciplinary partnership of 21 partners from 11 countries representing marine research institutes, funding agencies, science museums and aquaria, CSO's, NGO's, higher education institutes, business networks

Programme: FP7-SIS Record Number: 103606 Last updated on: 2016-02-05

Booklet

http://seaforsociety.eu/np4/home.html

Contact: manuel.cira@nausicaa.fr

SIFORAGE - <u>Social Innovation on active and healthy ageing for sustainable economic growth</u>

Ref.: 321482

Start date: 2012-11-01, **End date:** 2016-10-31

The general aim of SIforAGE project will be to strengthen the cooperation mechanisms and tools among the stakeholders working along the value chain of active and healthy ageing, with the aim of improving the performance of the European Union competitiveness and growth, through research and innovative products for more and better lives.

Programme: FP7-SIS Record Number: 108750 Last updated on: 2016-04-26

Booklet Contacts:

Eduardo Valenciano info@siforage.eu;

Elena Urdaneta <u>eurdaneta@bculinary.com</u> /Skype: elenau7777







SIS CATALYST SiS Catalyst: Children as Change Agents for the future of Science in

Society

Ref.: 266634

Start date: 2011-01-01, **End date:** 2014-12-31

SiS CATALYST project seeks to identify how children can be change agents in the Science and Society relationship, and from this starting point, to indicate how they can be catalysts in the longer term solutions to the grand challenges faced by society.

Programme: FP7-SIS **Record Number:** 99851

Last updated on: 2016-03-16

Booklet

http://www.siscatalyst.eu/
Contact: info@eucu.net







4. CONCLUSIONS AND RECOMMENDATIONS

At month 36 the ASSET virtual space of discussions and contacts is working well: all the ASSET participants are updated daily on the project's life and any new contact within the CoP is mailed to the single participant's address.

The CoP became a mature instrument, used regularly by partners and stakeholders.

The MMLAP NETWORK successfully started with two webinars on 2015. The creation of the dedicated area on the CoP, as provided at month 18, allows the exchange of content and the comparison of ideas. However the great diversity among the projects for the moment has only allowed a limited exchange.

Further steps are needed to improve this useful dialogue and some actions have to be implemented:

- organise a database of best practices in synergy with the best practice platform on the ASSET website
- prepare a MMLAP moment within the brokerage event planned for the month 46.





5. BIBLIOGRAPHY

- 1. Blank, R. (1993) Developing a System of Education Indicators: Selecting, Implementing, and Reporting Indicators. Educational Evaluation and Policy Analysis, 15 (1, Spring): 65-80.
- 2. Altshuld, J., and Witkin, B.R. (2000). Transferring Needs into Solution Strategies. Newbury Park, CA: Sage.
- 3. Kidder, L., and Fine, M. (1987). Qualitative and Quantitative Methods: When Stories Converge. Multiple Methods in Program Evaluation. New Directions for Program Evaluation, No. 35. San Francisco, CA: Jossey-Bass.
- 4. Jahn, T., Bergmann, M., and Keil, F. (2012) 'Transdisciplinarity: Between mainstreaming and marginalization', Ecological Economics, 79: 1–10.
- 5. Lang, D.J., Wiek, A., Bergmann, M., Stauffacher, M., Martens, P., Moll, P., Swilling, M., and C.J. Thomas (2012) 'Transdisciplinary research in sustainability science: practice, principles, and challenges', Sustainability Science, (7):25–43.
- 6. Pohl, C. And Hadorn, G.H. (2008) 'Methodological challenges of transdisciplinary research', Natures Sciences Sociétés, 16: 111-121
- 7. Spangenberg, J. (2011) 'Sustainability science: a review, an analysis and some empirical lessons', Environmental Conservation 38 (3): 275–287.
- 8. Stokols, D.(2006) 'Toward a Science of Transdisciplinary Action Research', American Journal of Community Psychology, 38:63–77.
- 9. Walter, A., Helgenberger, S., Wiek, A. And Scholz, R.W. (2007), 'Measuring societal effects of transdisciplinary research projects: Design and application of an evaluation method', Evaluation and Program Planning, 30: 325–338.
- 10. Wiek, A., Ness, B., Schweizer-Ries, P., Brand, F.S. and Farioli, F. (2012) 'From complex systems analysis to transformational change: a comparative appraisal of sustainability science projects', Sustainability Science, (7):5–24.