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## Newsletter December 2015

Welcome to the HARMONISE December Newsletter! We wish you all the best for the festive season and look forward to keeping you up to speed with the exciting activities and events planned for the final months of the HARMONISE Project! This time of year often brings resilience issues to the fore – for all the wrong reasons! Storms, frosts and thaws and mass movement of people place great pressure on our urban infrastructure – infrastructure, which is often seemingly invisible, until events cause it to fail! The HARMONISE project seeks to aid the kind of joined up thinking that can plan for such eventualities and can help build stronger, more resilient and ultimately, more successful urban communities.

We have some interesting features this month:

- **A spotlight on [HARMONISE at EXPO Milan](#)** HARMONISE was on display at EXPO Milan, having an important role in showcasing the tools developed by SELEX in helping deliver the *resilient smart city*. The HARMONISE tools were on display in the Finmeccanica Pavilion for the full six months and were viewed by thousands of visitors. View some of the images and see some of the leading organisations who engaged with the platform and tools [here](#).
- Confirmation of the location and date of the **HARMONISE Conference!!** HARMONISE will host the opening day of the GENOA Smart Cities Week, **24th**

**May 2016.** Get the date in your diary and look out for further updates in the coming weeks!!

- This month we have an [interview](#) with Professor Frank Fiedrich Chair of the Department of Civil Protection, disaster relief and security at the University of Wuppertal. Professor Fiedrich has witnessed the evolution of the resilience milieu, emerging from related fields of sustainability, vulnerability and disaster management. He sees the future as one where urban resilience is a fully embedded philosophy which is a core element of business continuity planning and societal well being.

We hope you enjoy our material and look forward to hearing from you via our social media channels – remember to sign up on the links below! Please forward this newsletter to your contacts who may be interested in the HARMONISE Project and ask them to sign up for future issues via the [Newsletter mailing list link](#) here or via the button below.

Thanks for reading - see you next month!

### Get in Touch

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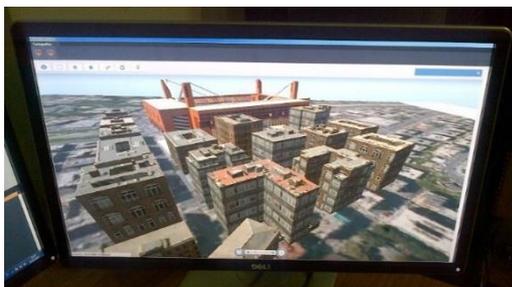
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### **HARMONISE at EXPO Milan**

HARMONISE was on show in the Finmeccanica Pavilion right through EXPO Milan. Thousands of visitors had the opportunity to engage with the project and a number of organisations formally engaged with the HARMONISE Platform and Tools – a list of some of the key links made is to be found below!

As can be seen, the range of participants, by discipline, country and type, spans a wide range of the HARMONISE Key Stakeholder Community – EXPO Milan proved to be an excellent ‘Shop Window’ for HARMONISE in engaging stakeholders and promoting the holistic urban resilience message.

BDP, a HARMONISE Project Partner, was involved in designing the award winning UK Pavilion, which took an innovative ‘bees eye view’ approach, with a live feed from a beehive operating electrical systems in the Pavilion. Bees are indeed a key stakeholder in building a resilient future environment and community – was this a first attempt to gain stakeholder feedback??!

We would like to thank everyone who came to EXPO Milan and stood in queues to experience our project activities – there will be another opportunity to engage and gain deeper insights to the Project, the Urban Resilience field and the wider field of resilience and smart city solutions at the HARMONISE Final Event, 24<sup>th</sup> May 2016 – the opening event of the Genoa Smart City Week. Watch out for updates in the coming weeks!

### **EXPO 2015 - DEMO ROOM Finmeccanica AREA AD INVITO**

<b>Visitatore</b> <b>(Ente, Istituzione, Azienda, Delegazione, ...)</b>	<b>Nazionalità Visitatore</b>
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<b>Semgroup</b>	Ecuador
<b>TRANSTELECOM CAME RUS</b>	Kazakhstan/Russia
<b>DSTA Singapore</b>	Singapore
<b>Bristol is Open</b>	UK
<b>CEFRIEL – Politecnico di Milano</b>	ITA
<b>Progetto di resilienza regionale MIRACLE</b>	UK, NL, ITA
<b>Moscow City Government</b>	Russia
<b>Delegazione Assinform</b>	IT
<b>DRS</b>	US
<b>Ministro dell’Ambiente ItaliaSicura Marco Doria, Sindaco di Genova</b>	IT
<b>Paolo Castiglieri, Direzione Pianificazione Comune di Genova Corrado Ragucci, Responsabile progetti di protezione civile Comune di Genova e area metropolitana</b>	IT
<b>Cisco Indigo Vision Quadratica UK</b>	IT, UK
<b>Servizi per la mobilità di Roma</b>	IT
<b>CTM Cagliari</b>	IT
<b>Delegazione Unindustria</b>	IT

Delegazione ANITEC	
Delegazioni Operatori Settore Autostradale	IT
Delegazione TIEMS (The International Emergency Management Society) Annual Conference	
Delegazione del Corpo di Polizia Municipale Genova	IT
Delegazione UAE	
Delegazione Progetto Harmonise	
Delegazione Protezione Civile	IT
Santoro Consulting	Australia
Delegazione evento BOSCH	IT

### **HARMONISE Interview Series**

#### **Interview with Professor Frank Fiedrich Chair of the Department of Civil Protection, Disaster Relief and Security, University of Wuppertal**

**• Tell me how you first got involved in with urban security /resilience?**

The first time I came in touch with urban security and resilience was in the context of disaster management. That was 2010 at the international conference “Community Resiliency-Integrated Risk, Response, and Recovery Policy and Management: International Perspectives across Multiple Scales” organised in Zurich, Switzerland. Previously, the term vulnerability was at the forefront of research, which is why the conference tried to close the gap between scientists and practitioners to ensure that the best science and technologies are appropriately used to enhance community resiliency.

**•What has surprised you most about working in urban security /resilience?**

I am surprised that the limits between urban security and resilience are still unknown. There are many things in connection with resilience that are already found in the context of disaster management. For example, the circle of management and dealing with resilience and disasters is in both cases the same.

**•What do you find most challenging about the urban security /resilience field?**

The biggest challenge is to operationalize theoretical knowledge and to transfer the scientific findings into practical actions. The HARMONISE Project is also faced with this challenge.

**•What do you wish other people knew about urban resilience?**

First of all, a common understanding about urban resilience must be created, especially when you want to solve future problems. Currently different understandings inhibit effective cooperation, although it is essential to deal jointly with problems of vulnerability. To sum up, my wish is to develop a common and comprehensive understanding about urban resilience.

**•What's your personal philosophy on what should be done about urban resilience?**

I would say that the measuring of resilience in its different dimensions is still missing and has to be done in the future.

**•Tell me about someone who has influenced the resilience field?**

Dr. Susan Cutter is a Carolina Distinguished Professor of Geography at the University of South Carolina where she directs the Hazards and Vulnerability Research Institute. She has influenced the resilience field with the "Social Vulnerability Index". The index identifies population characteristics that influence the social burdens of risks and analyses how the factors affect the distribution of risks and losses. Cutter developed an integrative approach which tries to observe multiple geo- and biophysical hazards as well as social vulnerabilities. Her researches had an influence on the measuring of resilience.

**•The interest in urban resilience seems to be growing. Why do you think that is?**

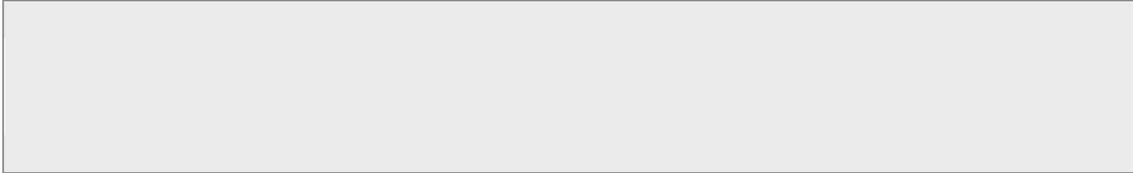
Urban resilience is an interdisciplinary concept that touches everybody.

**•What do you think will change about urban resilience over the next five years?**

Over the next five years there will be increased transnational research and initiatives, e.g. resilience city. Moreover the already developed concepts will be implemented practically in cities and empirically monitored.

**• what sorts of trends do you see?**

Generally, there will be a greater debate on the issue as a whole, especially in the area of disorders and infrastructures. The concepts will be more integrated into business continuity management to ensure the continuity of the company in the sense of economic sustainability in the face of risks with high magnitude of damage. In addition, due to the results of the implementation of new infrastructure and new technologies, there will always be new risks and challenges which need to be solved.



**HARMONISE; EU FP7 project no. 31201**



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