Writing a Successful Proposal

Rajendra Akerkar

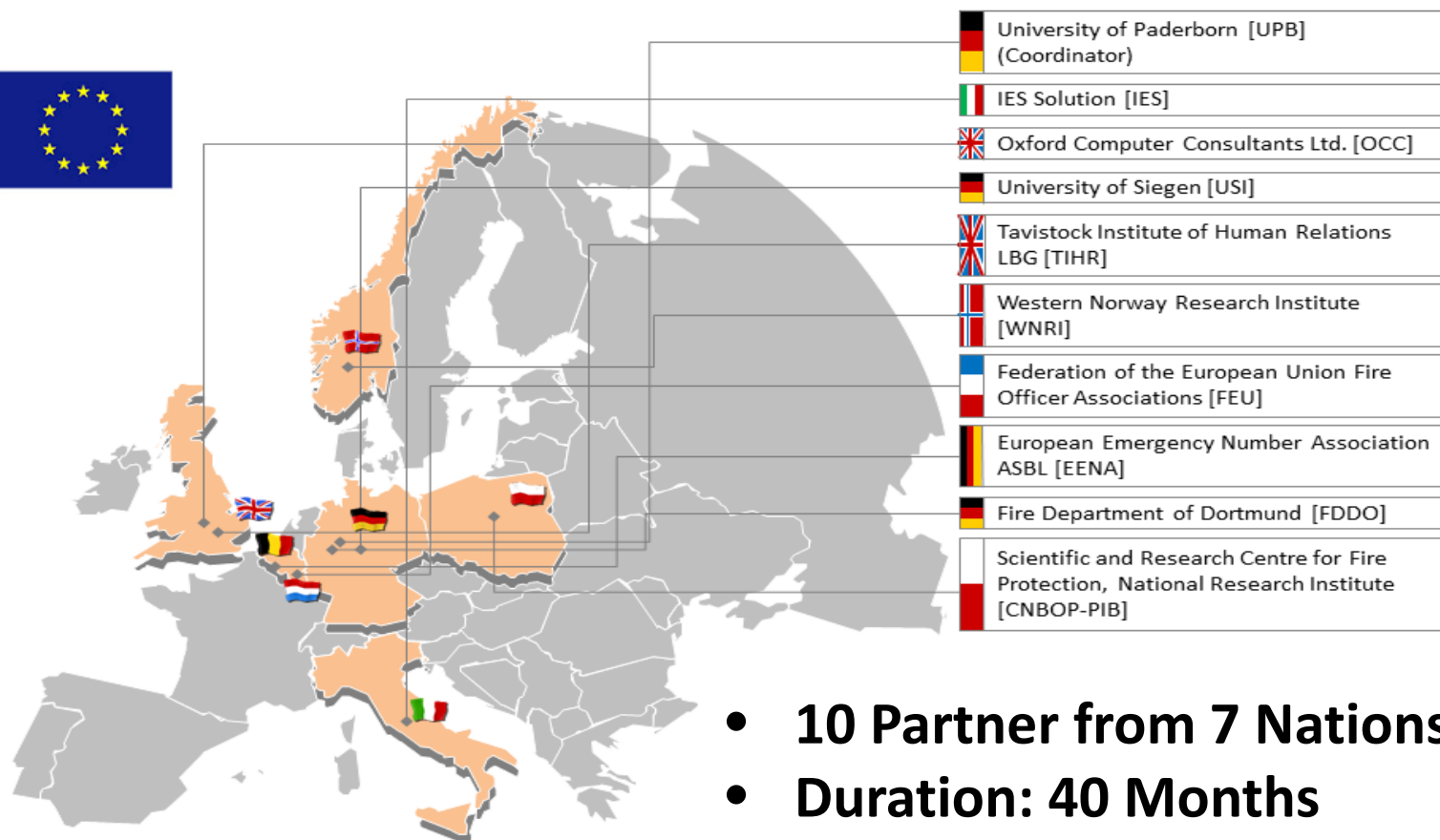BDEM   LeMO   EmerGent   UBIMOB

Big Data Related Projects

- **EmerGent**
  - European Commission 7th Framework Programme

- **BDEM**
  - INTPART Programme: The Research Council of Norway and Norwegian Centre for International Cooperation in Education

- **UBIMOB**
  - IKTPLUSS Programme: The Research Council of Norway

- **LeMO**
  - Horizon 2020

EmerGent

Emergency Management in Social Media Generation

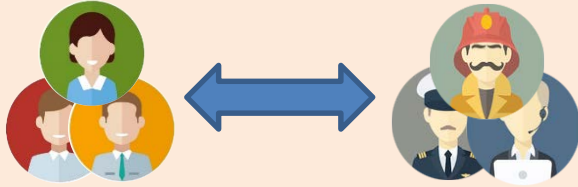|	Partner
🇩🇪	University of Paderborn [UPB] (Coordinator)
🇮🇹	IES Solution [IES]
🇬🇧	Oxford Computer Consultants Ltd. [OCC]
🇩🇪	University of Siegen [USI]
🇬🇧	Tavistock Institute of Human Relations LBG [TIHR]
🇳🇴	Western Norway Research Institute [WNRI]
🇵🇱	Federation of the European Union Fire Officer Associations [FEU]
🇩🇪	European Emergency Number Association ASBL [EENA]
🇩🇪	Fire Department of Dortmund [FDDO]
🇵🇱	Scientific and Research Centre for Fire Protection, National Research Institute [CNBOP-PIB]

SEVENTH FRAMEWORK PROGRAMME

- **10 Partner from 7 Nations**
- **Duration: 40 Months**
- **Start: 1. April 2014**

Expert network

- EENA and FEU
- BOS: Feuerwehr Dortmund and CNBOP-PIB
  - Testing environment
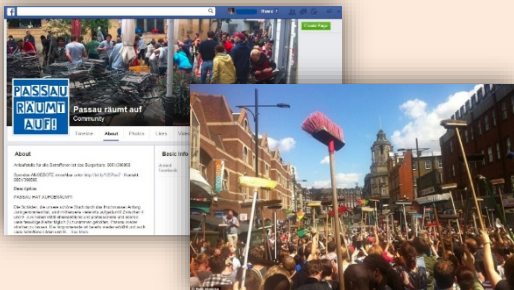- End user advisory board
  - 2 EAB Meetings

EmerGent

Use of EmerGent

Before the event
- Sharing of prevention information
- Sentiment monitoring

During the event
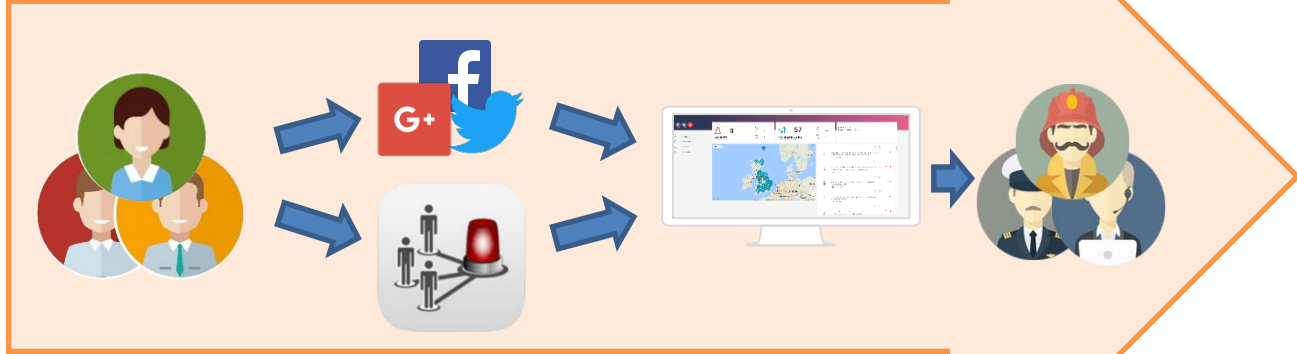- Current information & media
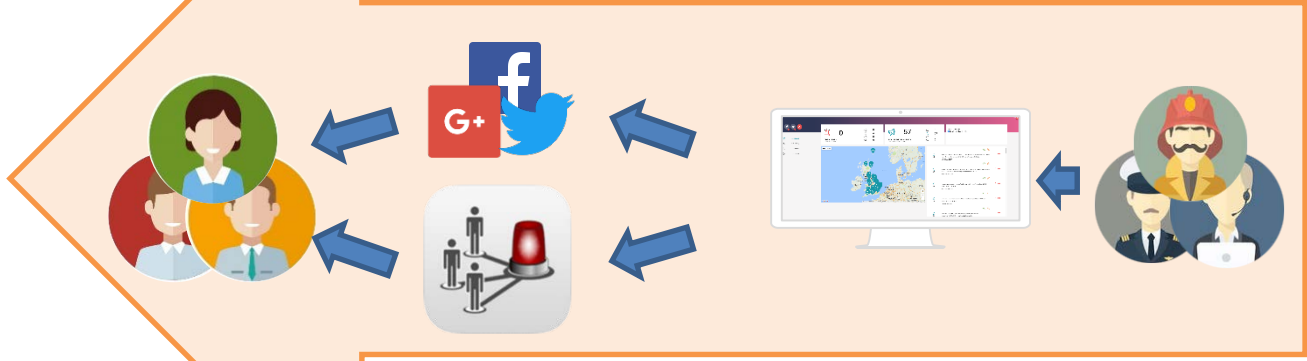- Dialogue with citizens

After the event
- Involvement of citizens after the event – volunteers

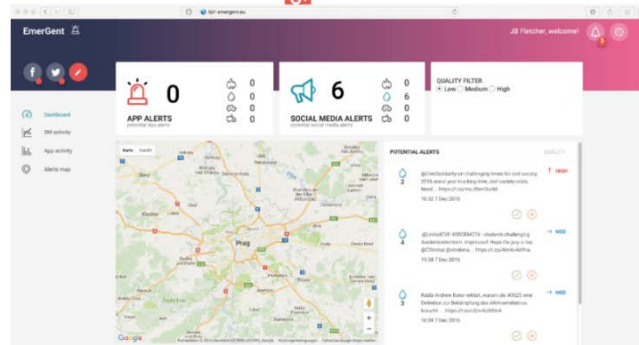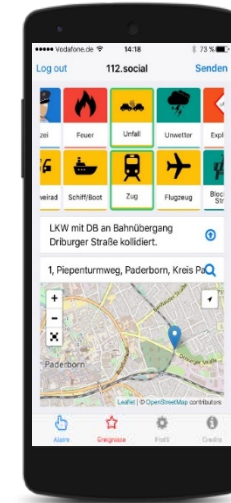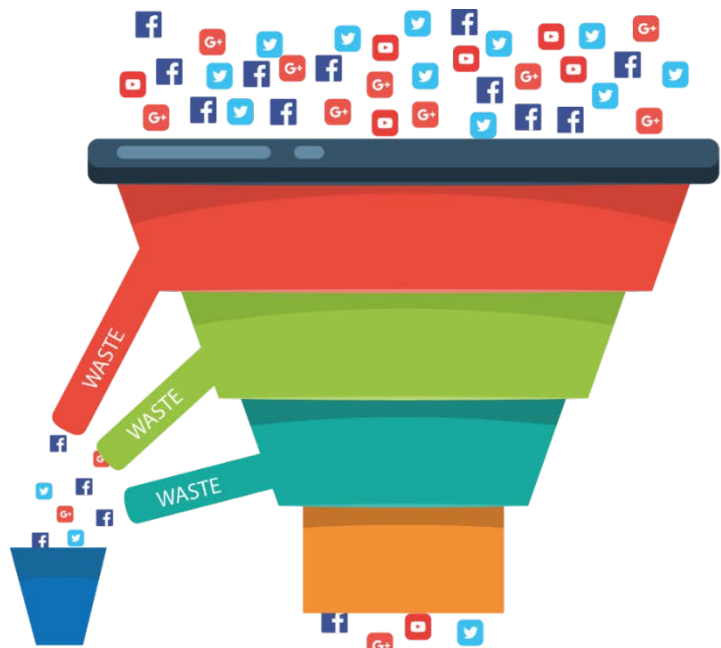**EmerGent**

Use-Cases

C2A
Citizens - ES

A2C
ES - Citizens

ES Interface and App

Next step:

- Representative studies in Italy and the Netherlands
- Guidelines for the use of social media
- Evaluation - field test

EmerGent

Transnational Partnership for Excellent Research and Education in
Big Data and Emergency Management

BDEM

April 2017 – March 2020

This project has received funding from the Research Council of Norway (RCN) and the Norwegian Centre for International Cooperation in Education (SiU) through INTPART programme

http://bigdata.vesforsk.no

WESTERN NORWAY RESEARCH INSTITUTE
VESTLANDSFORSKING

UNIVERSITAS BERGENSIS

GEORGE MASON UNIVERSITY

ILLINOIS INSTITUTE OF TECHNOLOGY

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

NII 大学共同利用機関法人 情報・システム研究機構
国立情報学研究所
National Institute of Informatics

CICS CENTER FOR INFORMATION CONVERGENCE & STRATEGY

東京大学
THE UNIVERSITY OF TOKYO

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BDEM

Objective

To develop a highly visible international partnership to share best practices and, build and strengthen research - training cooperation among BDEM partners in big data and emergency management.

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Ubiquitous Data-Driven Urban Mobility

UBIMOB

May 2017 – April 2021

This project has received funding from the Research Council of Norway through IKTPLUSS programme

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tøi
Transportøkonomisk institutt
Stiftelsen Norsk senter for samferdselsforskning

universität**bonn**
Rheinische
Friedrich-Wilhelms-
Universität Bonn

The University Of Sheffield.

telenor

Rajendra Akerkar

Ubiquitous Data-Driven Urban Mobility

Objective

The main objective of the UBIMOB project is to provide methodologies and technologies for intelligent, green and sustainable urban mobility in Norway. The solutions are based on large scale complex dynamic data.

Leveraging Big Data to Manage Transport Operations

November 2017 – October 2020

This project has received funding from the Horizon 2020 Programme of European Commission

Leveraging Big Data to Manage Transport Operations

Objectives:

1. To produce **research and policy roadmap towards data openness, collection, exploitation and data sharing** to support European transport stakeholders in capturing and addressing issues, that range from technical to institutional, including legitimacy, data privacy and security.

2. To disseminate the LeMO findings, recommendations and the contribution of the LeMO to evidence–based decision making by improving knowledge on **methodological and exploitation issues** taking also into account economic, legal, social, institutional and technical aspects.

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Hints for successful proposal

A good application takes roughly 3 PM to put together

- Read *work programme* carefully and identify interesting call(s)

- Read the rules for participation

- Go to brokerage events. These types of events will teach you the ins and outs of the funding framework

- Understand between the lines of a call

- Expected impact

- Prepare one pager

- Look for an appropriate partners

- Keep in touch with Programme Officers at EC

- Build a relationship with your National Contact Point

Rajendra Akerkar

Rule 1: Focus on one main fundamental scientific problem

- Know exactly what are the major challenges in your field and scope of the call

- When writing the description of the project to be addressed, write it up in different ways, to try out diverse perspectives
  - Think about how reviewers with different backgrounds may understand – and possibly misunderstand – each alternative

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Rule 2: Comprehensive proposal

- Comprehensive
  - no matter which angle the evaluators look at your proposal from they cannot find any major defect, oversight or weakness in the proposal

- As a whole the proposal should stand as
  - a complete
  - integrated
  - perfect
  - free of errors
  - no extra participants, and even more notably,
  - *no missing* participants

Rule 3: Create the best consortium you can possibly imagine

- Pick the team that you believe is necessary and sufficient to do the job, and make the budget reflect the same
  - the best person/team/organisation to be responsible for each part of the project
- Not only should your consortium be wide ranging, it also needs to be strategic
  - When you invite people or organisations to join, you should know exactly why you want them on board, and you should play to their strengths
- Remember to justify clearly
  - why the team is there, and
  - why the budget is as stated

Rule 4: It is vital to make the intended impact of your project

- A lot of proposals I see that fail are ones where the excellence and the implementation is good, and they have the right consortium, but they fail on the impact
  - because they haven't studied the **market** enough and they don't talk about how they will address things at a **European level**

- Get more industrial involvement into your proposal
  - In comparison to the Seventh Framework Programme (FP7), Horizon 2020 is more interested in funding projects that have an eye on commercialisation, and industrial members play a large part in this process

Rule 5: Put together your application from the point of view of the evaluator

- Excellence, Impact and Implementation

- Make the abstract as attractive as possible

- Examine the budget, as it provides a quick overview of each partner's role

- Upon completing a solid draft of your proposal, one of the first things you should do is submit it on the Portal

  - You can submit as many times as you would like up to the actual deadline, so take advantage of this feature

Thank you!

Rajendra Akerkar

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