



Examples of EU-funded projects (EDEN and DRIVER)

**Science-Policy Interactions and Ways to bring
Stakeholders together for improved Information Transfer
and Sharing**

M. Löscher¹²

¹ European Virtual Institute for Integrated Risk Management, Germany

² Fraunhofer Institute for Technological Trend Analysis, Germany



Examples of EU-funded projects (EDEN and DRIVER) ...and why we need you!

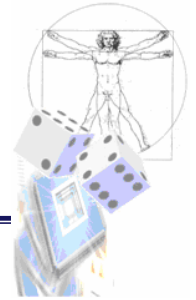
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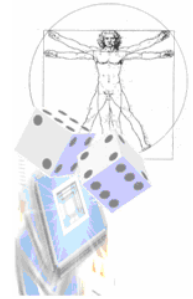
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FP7 Demonstration projects EDEN and DRIVER



- Two research projects that
 - Respond to **policy demands** expressed in research programmes
 - DRIVER: SEC-2013.4.1-1 - Phase II demonstration programme on aftermath crisis management
 - EDEN: SEC-2012.1.5-1 - CBRNE Demo Phase II
 - Address **end-user / practitioner gaps**
 - End-Users directly involved as partners and linked to the projects through stakeholder platforms
 - **Develop and demonstrate** European solutions to global challenges
 - Evaluate results and **provide lessons learned** to support the definition of future research needs



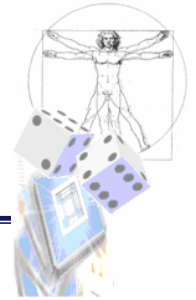


End-user driven DEmo for cbrNE

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 313077



EDEN main objectives



1



To develop a "Toolbox of Toolboxes" (ToT) by integrating legacy tools and new solutions

2



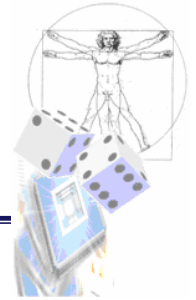
To test and validate the ToT during three field demonstrations

3



Improve standardization and boost the CBRNE market

EDEN at a glance



Consortium

- 37 partners
- 15 countries

Supplier and SME Platforms

- 29 Suppliers
- 38 SME's
(more to join)

End-User Platform

- 94 End-users
- 21 Countries

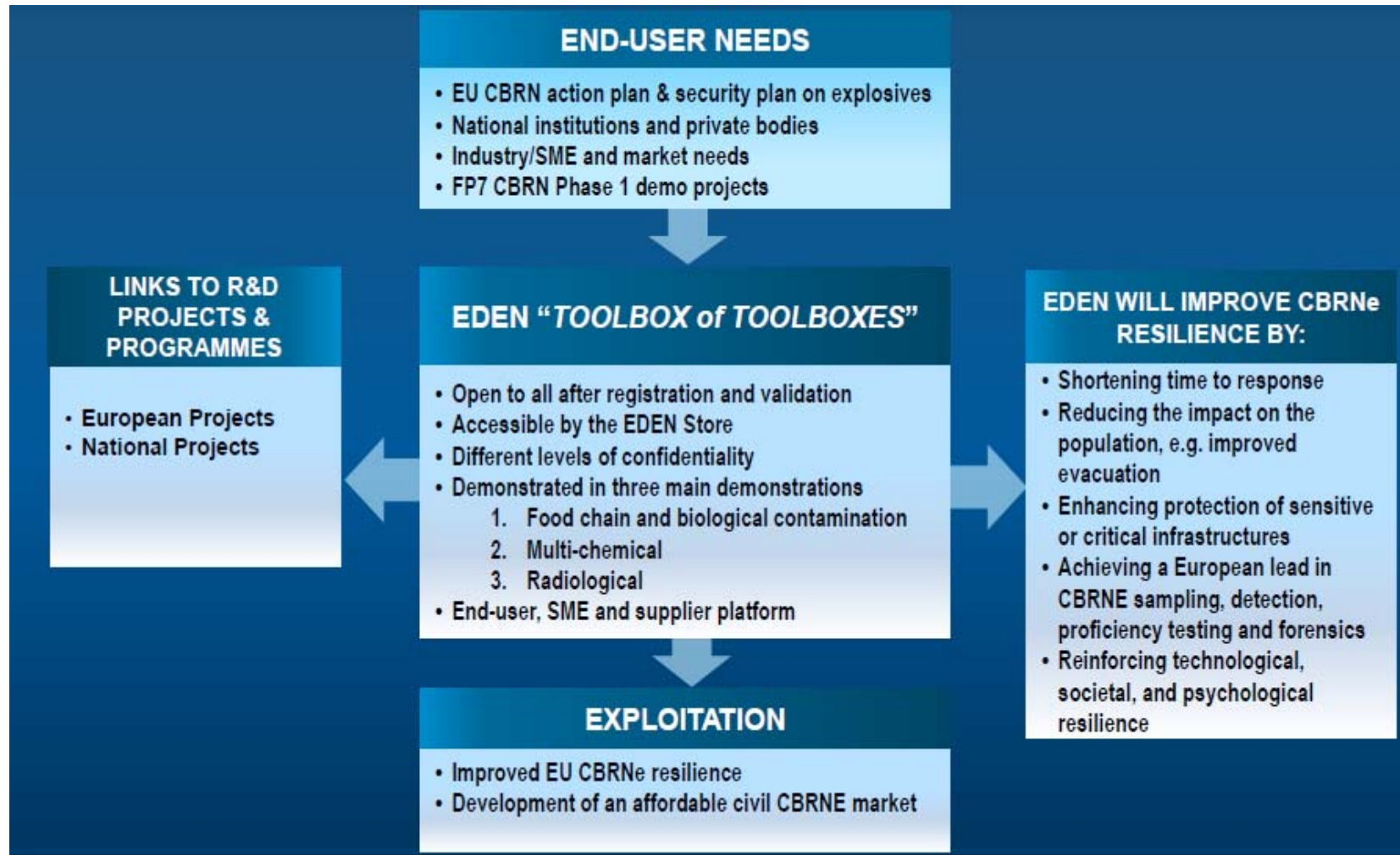
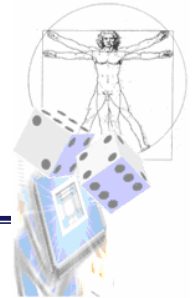
Advisory Board

- 10 Members
- 9 Countries

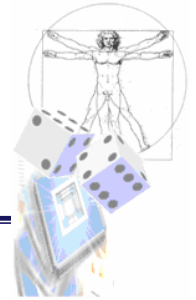
3 end-user driven demos:

- Contamination in the Food Chain
- Multi-attacks against industrial chemical sites and Chemical Warfare
- Radiological

EDEN Context



EDEN toolboxes concept (“ToT”)



A Toolbox of Toolboxes: i.e. the ability to integrate already existing Tools and Toolboxes, to upgrade them, develop new tools and propose a comprehensive larger approach.

- Covering CBRNe preparedness, crisis response and recovery phases
- Involving more stakeholders:
 - Users: public organisations, first responders, large operators, media and population,
 - Suppliers and SMEs.



TOOLS



TOOLBOXES



STORE



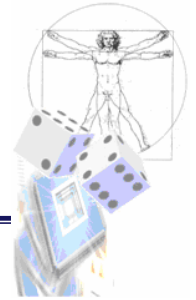


Driving Innovation in Crisis Management for European Resilience

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 607798



DRIVER main objectives

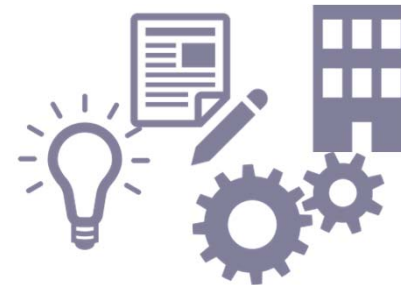


1



To support professional responders, communities and individuals in Crisis Management

2



To develop an environment for research and innovation to flourish in Crisis Management

3



To improve Europe's resilience to disasters

DRIVER at a glance



What?

EU demonstration project
36 partners from 15 countries

Who?

Crisis Management professionals
Industrials/SMEs
Researchers

How?

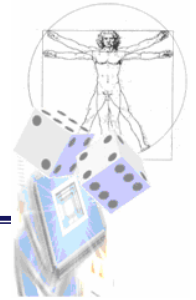
Integration and validation of
emerging solutions through
experiments

When?

From **May 2014** to October **2018**



Driving innovation in 3 areas



Civil society resilience



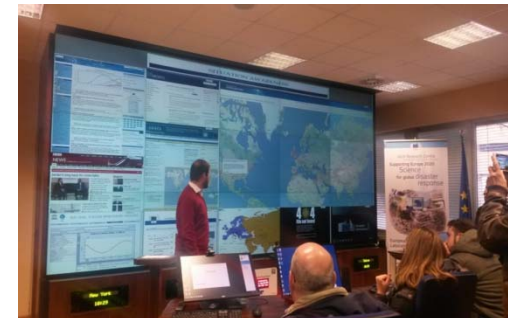
To understand and improve the resilience capacity of individuals, communities and local governments during the prevention, preparation, response and recovery phases

Training and learning



To demonstrate the effectiveness of learning solutions, enhance them and share competences and lessons learned

Strengthened professional responders



To improve the efficiency of the crisis response, notably in terms of situation assessment and coordination of effort

Contributions to Crisis Management



Provide guidance for **training** and **capability development**



Optimise the operational uptake of **innovative solutions**



Support **EU policy development**



Foster a **common understanding**



Enhance the current **knowledge on crisis management**

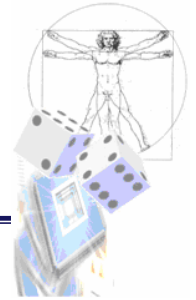


Strengthen the **innovation ecosystem**

European projects responding to global challenges



European projects support policy objectives: EC DG HOME



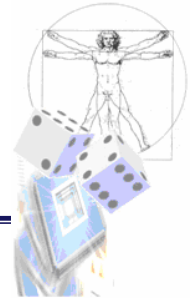
- **EU response capacity:** Further improvement in terms of efficiency and coherence, rapidity of deployment, operational and political coordination
- **EU internal security strategy:** Measures to protect EU citizens' lives and assets as well as to provide effective assistance to non-EU countries
- **EU solidarity:** Assist each other when an EU State is the object of a terrorist attack or a natural or man-made disaster
- **Crisis coordination:** Rules for interactions between EU institutions and affected EU States during a crisis

European projects support policy objectives: UNISDR



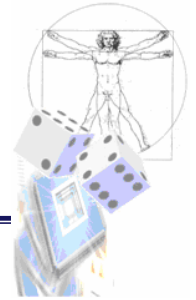
- **Priority 1. Understanding disaster risk:** Disaster risk management should be based on an understanding of disaster risk in all its dimensions
- **Priority 2. Strengthening disaster risk governance to manage disaster risk:** Disaster risk governance at the national, regional and global levels is very important. It fosters collaboration and partnership.
- **Priority 3. Investing in disaster risk reduction for resilience:** Public and private investment in disaster risk prevention and reduction.
- **Priority 4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction:** The growth of disaster risk means there is a need to strengthen disaster preparedness for response, take action in anticipation of events, and ensure capacities are in place for effective response and recovery at all levels.

European projects support policy objectives: UNECE



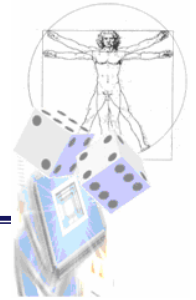
■ No involvement ■ Some involvement ■ Medium involvement ■ High involvement

European projects support policy objectives: UNECE



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The “logic” of publicly funded research projects



Publicly funded research is **clearly oriented towards policy objectives**:

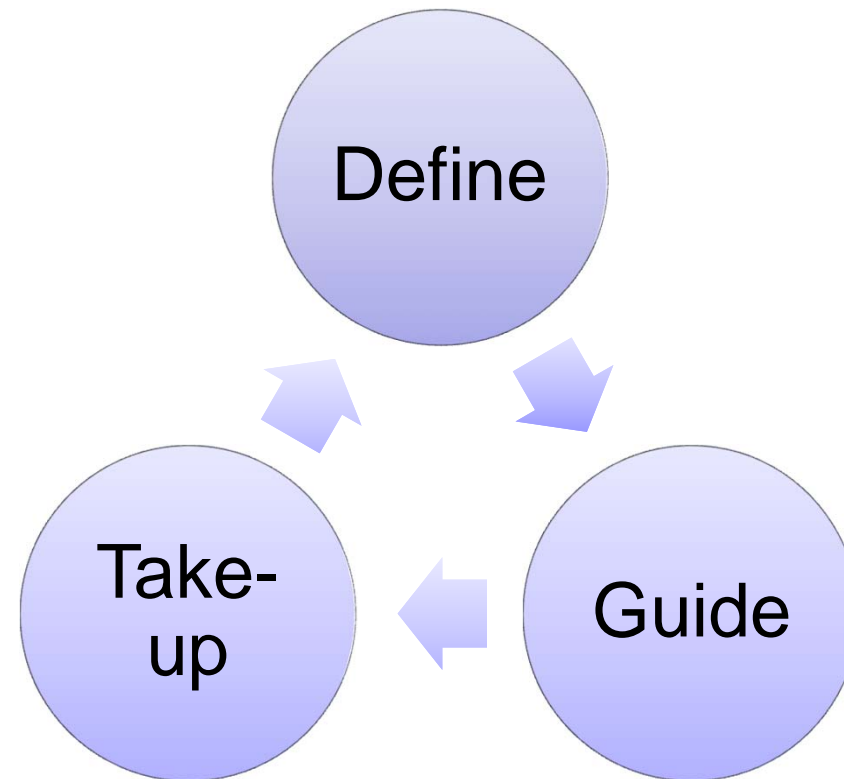
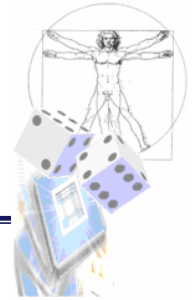
- Interpretes them and transfers them into operational objectives and actions
- Provides practical solutions by developing new technologies and knowledge to support implementation

But research projects are **limited in time and have limited coordination capacity**, so we need to

- Follow-up on carried out research and put these in the perspective of long-term roadmaps (Sustainable Development, Sendai Priorities)
- Reduce redundancies in funded research on national and European level

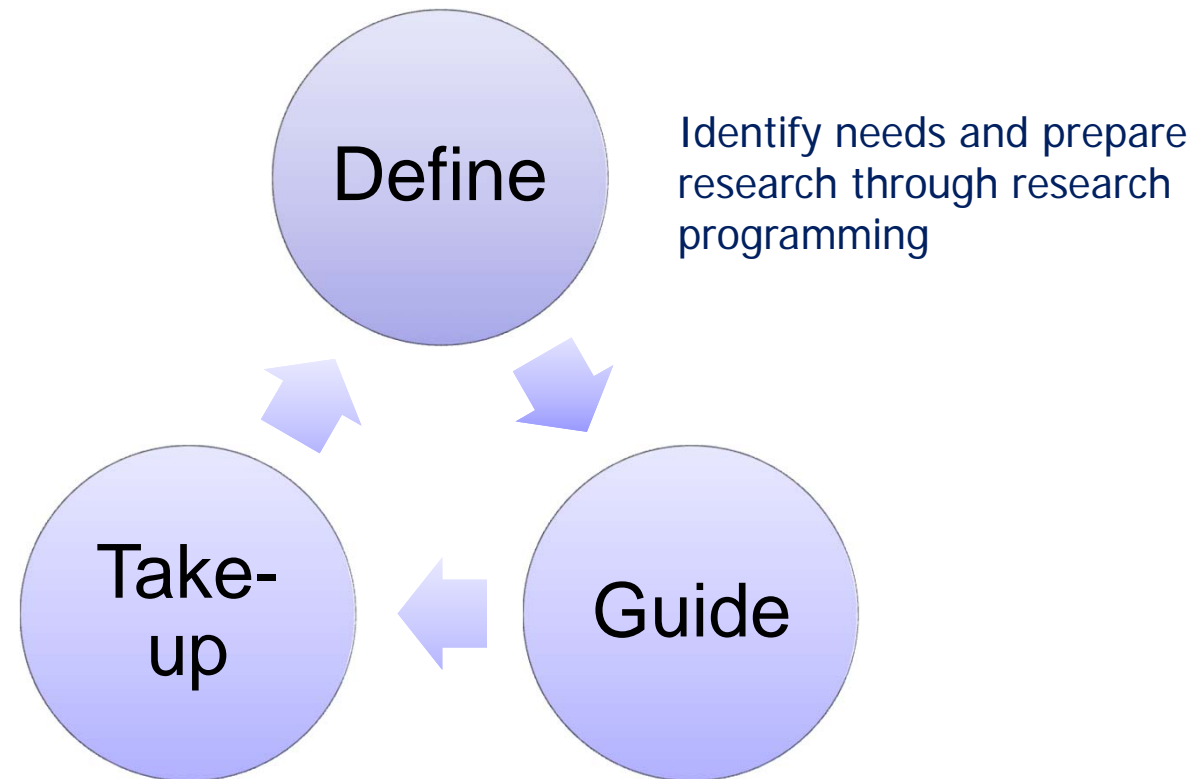
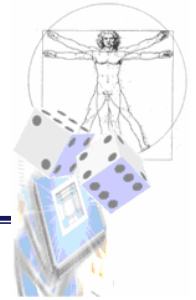
Need to strengthen involvement and awareness

To support research to do „it's job“, strenthened involvement and awareness **in all phases of research** is required

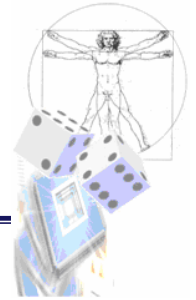


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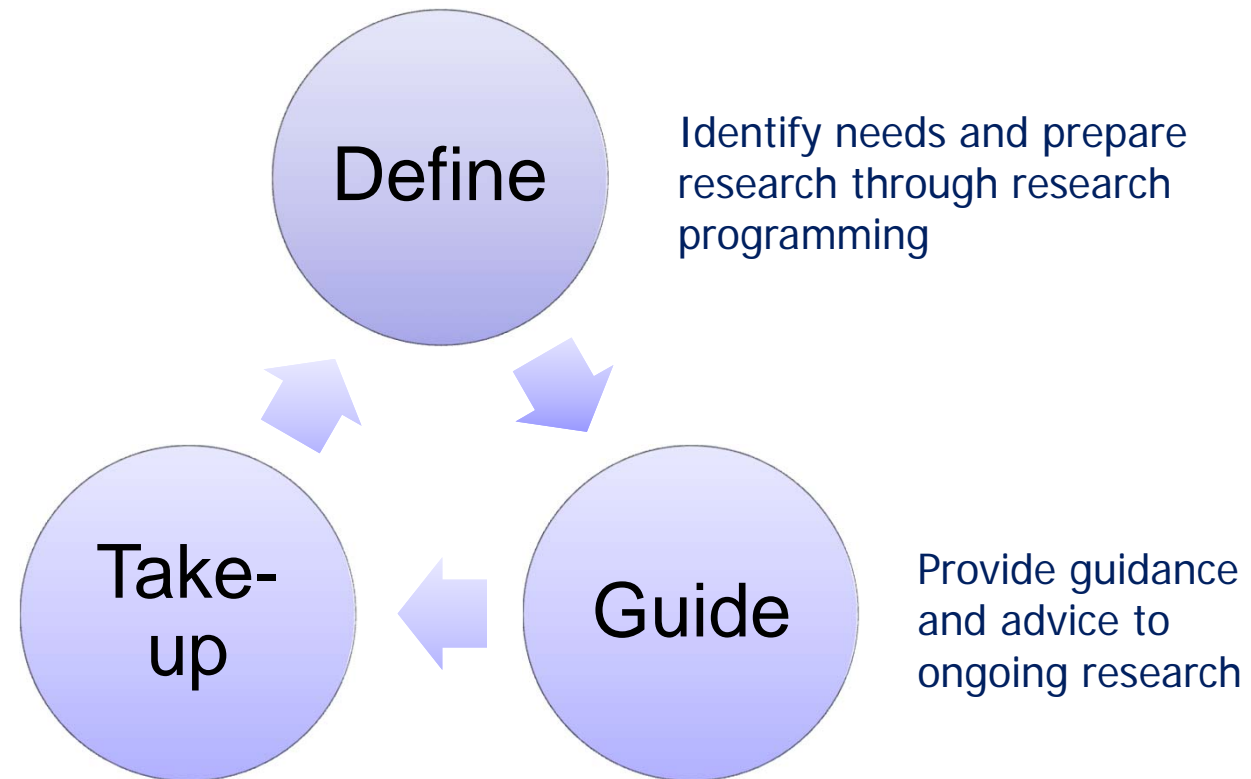
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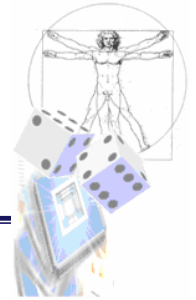
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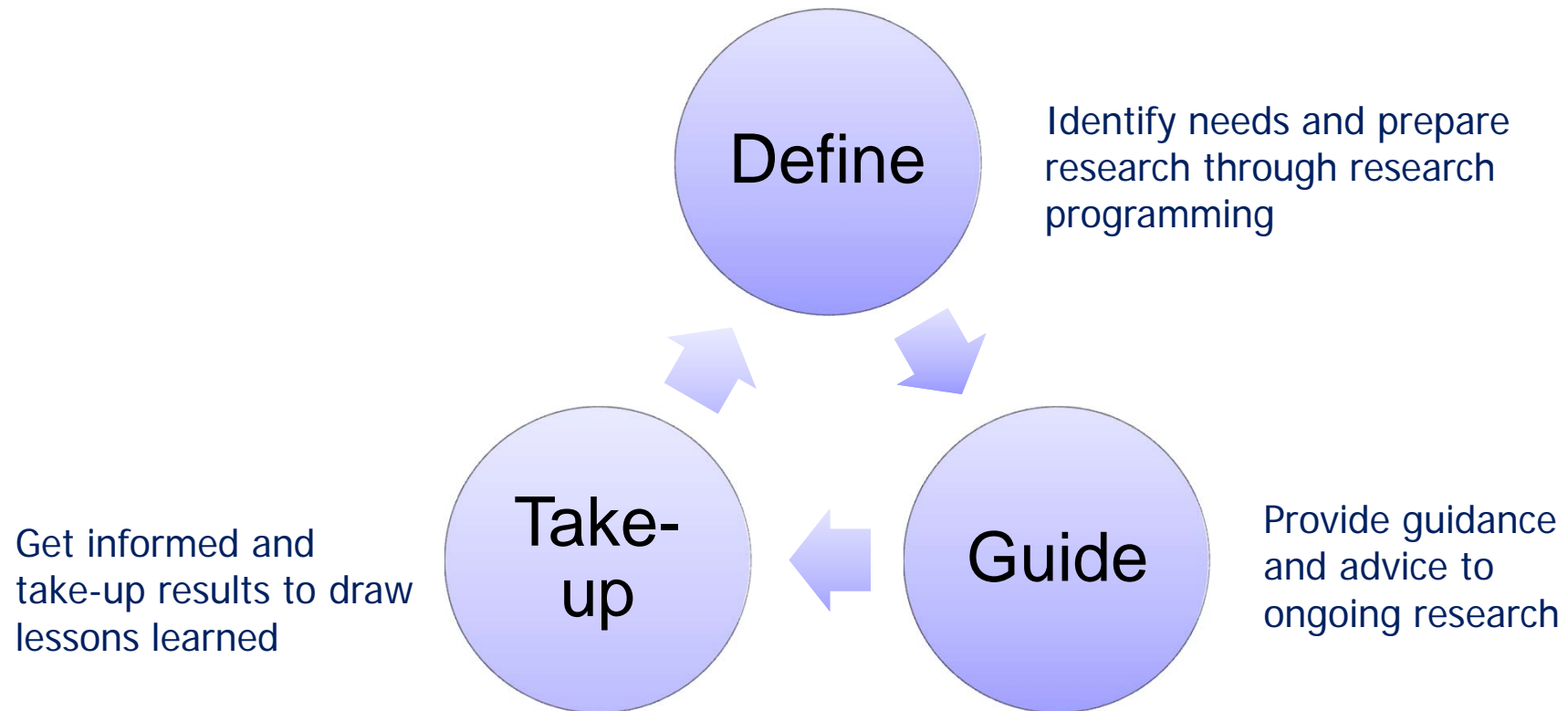
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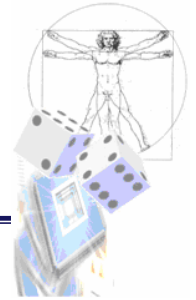
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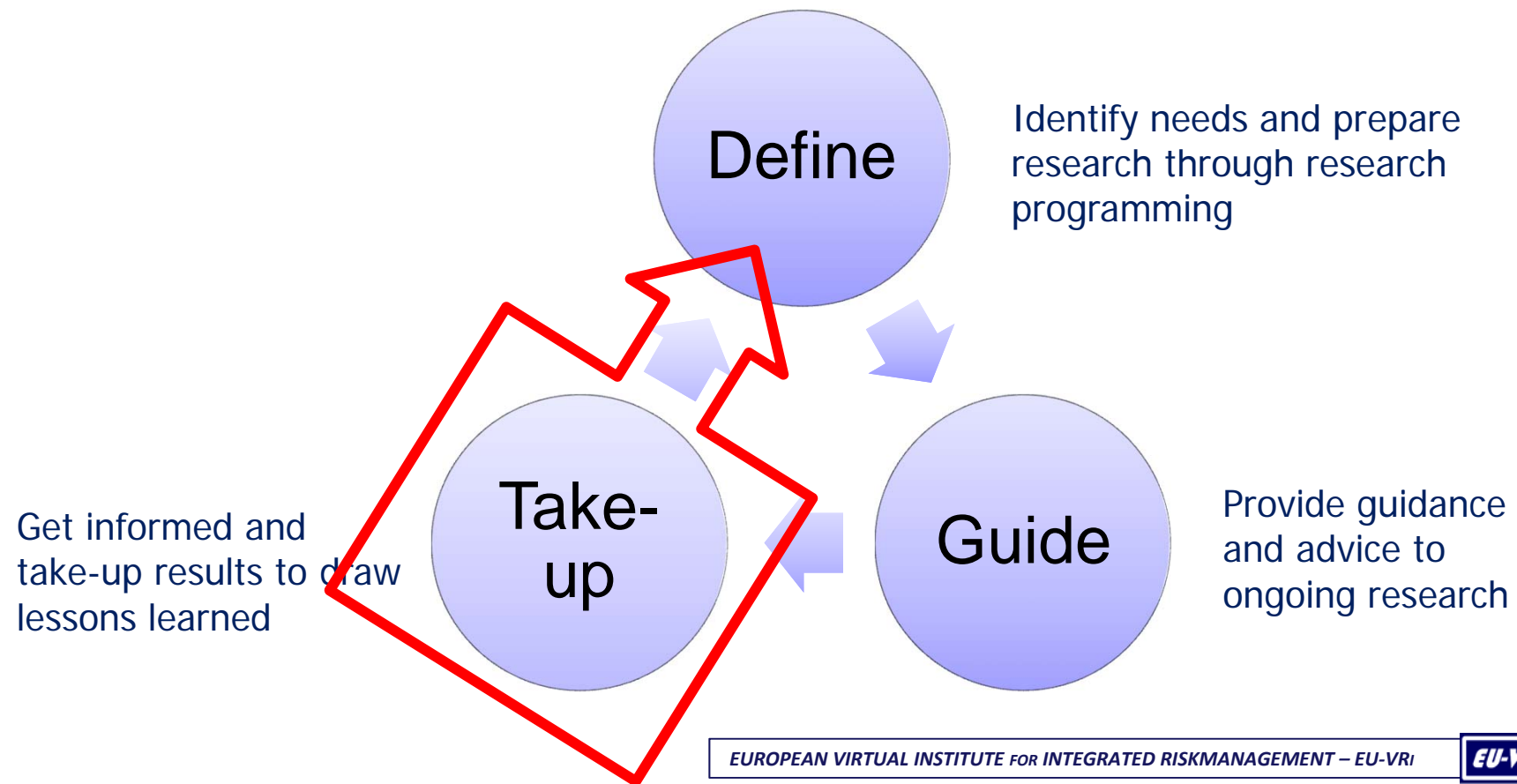
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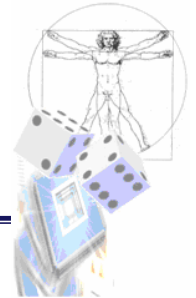
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Contact



Thank you for your attention!

Michael Löscher, M.A.

Senior Project Manager

Lange Str. 54, 70174 Stuttgart, Germany

Tel: +49 711 410041 30

Fax: +49 711 410041 24

E-Mail: michael.loescher@eu-vri.eu



European Virtual Institute for Integrated Risk Management (EU-VRI)

Haus der Wirtschaft, Willi-Bleicher-Str. 19, 70174 Stuttgart, Germany

www.eu-vri.eu