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driver

Driving Innovation in Crisis Management for *European Resilience*

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Demo project for an improved crisis management

Built on the needs and findings of the ACRIMAS and CRYISIS projects

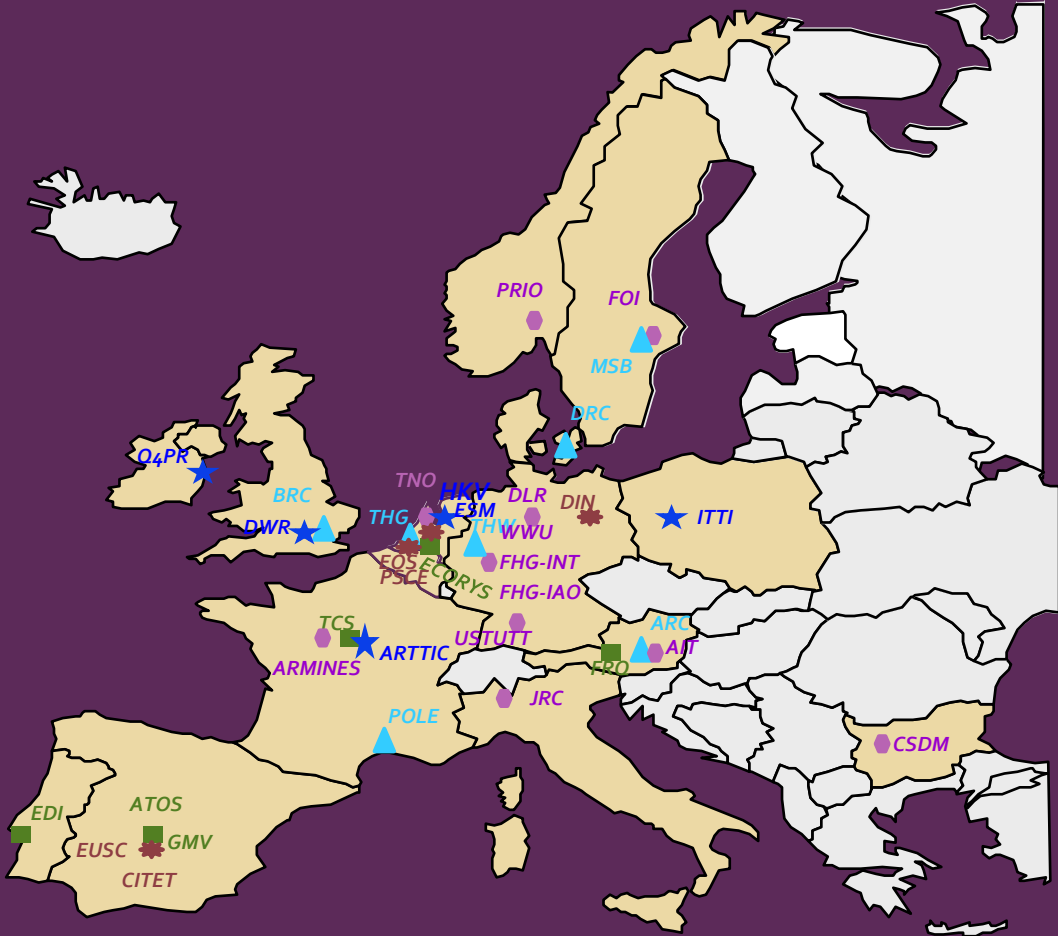
Project started on May 1st 2014

Spanning from M1 to M54

~ 34 M € EU contribution
~ 45 M € in total budget
Largest security research project in Europe

37 partners from 15 countries

- End Users 
- Research 
- Industry 
- SMEs 
- Organisations & authorities 



DRIVER CONSORTIUM



Crisis management
Innovation management
Communication
Emergency response
Conceptualisation
Technology & integration
Community management
Security
Policies
Ethics
Standardisation
Logistics
Governance & Policies

End-users	Red Cross (AT, DK, UK), MDA, Pole Risques, THW, MSB, City of the Hague
Research	Fraunhofer, FOI, TNO, PRIO, DLR, AIT, Armines CRC, JRC, Institute of Information and Communication Technologies (Bulgaria), University Münster, University Stuttgart
Industry	ATOS (Coordinator) , Thales, Edisoft, Frequentis, GMV, Ecorys
SMEs	ARTTIC, ITTI, E-Semble, HKV, Q4PR, Disaster Waste Recovery
Organisations & authorities	PSCE, DIN, CITET, EOS, EUSC

Crisis Management (CM) is an ever evolving challenge

Hazards change, both for natural and man-made reasons – climate change being a well-known example of the latter

Vulnerabilities change, for reasons ranging from the establishment of settlements in new areas to societal evolution affecting people's ability to cope with crises

Interconnectedness changes because of increased connectivity in the technical domain, for example the power transmission system, and in the socio-cultural domain as cross-border communities become increasingly important



- Crisis management is complex: There is no one-shot-validation in Crisis Management



- Many possible scenarios, many scales (local, regional, national, EU, UN level, etc.)



- Iterative testing in different contexts is needed > series of experiments



- Tools cannot be tested in real-life operations > space for experimentation is needed



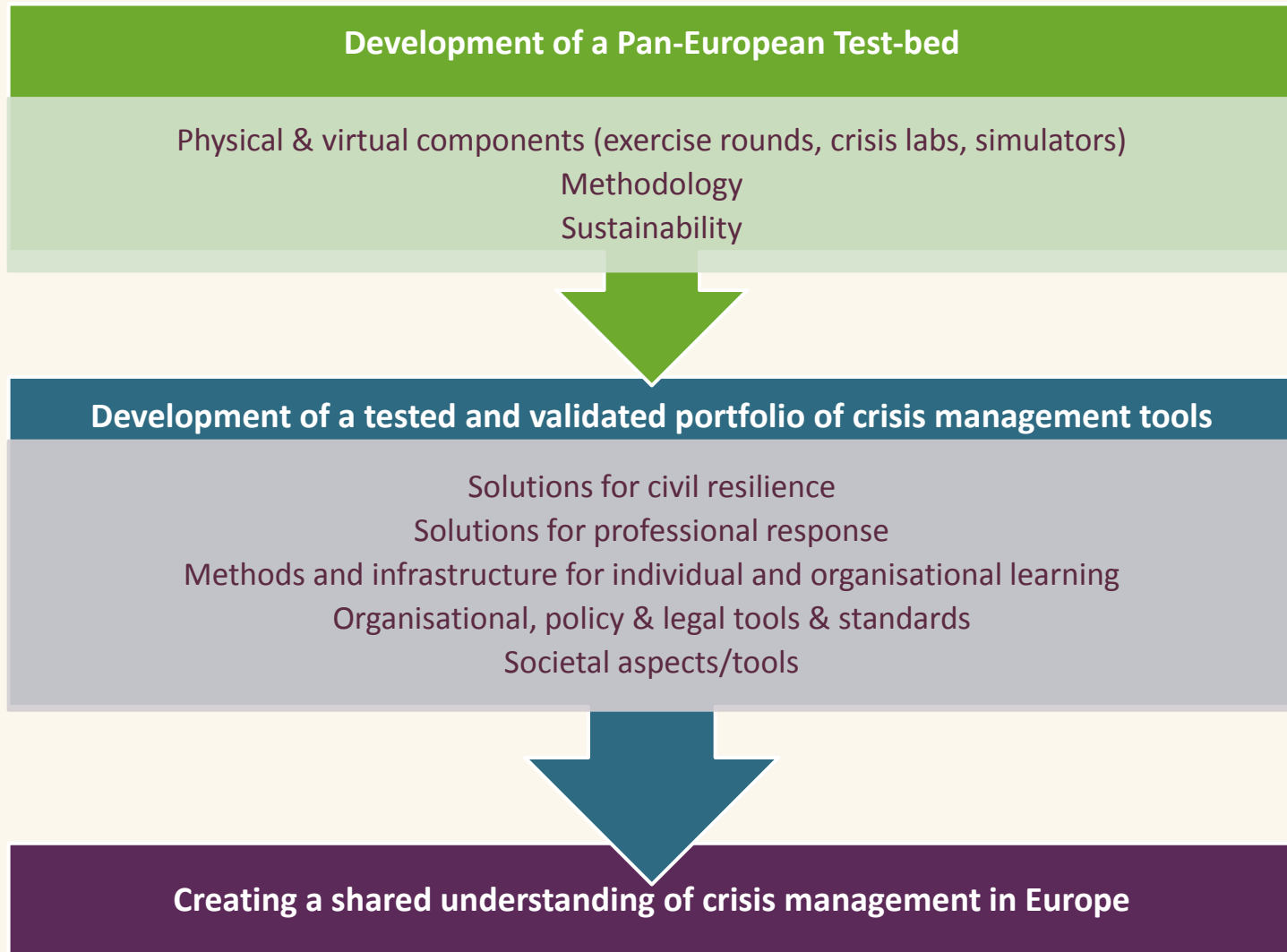
- Evidence based capability development to overcome inertia of innovation in CM



- Encourage the acceptance for new solutions (tools) among end-users

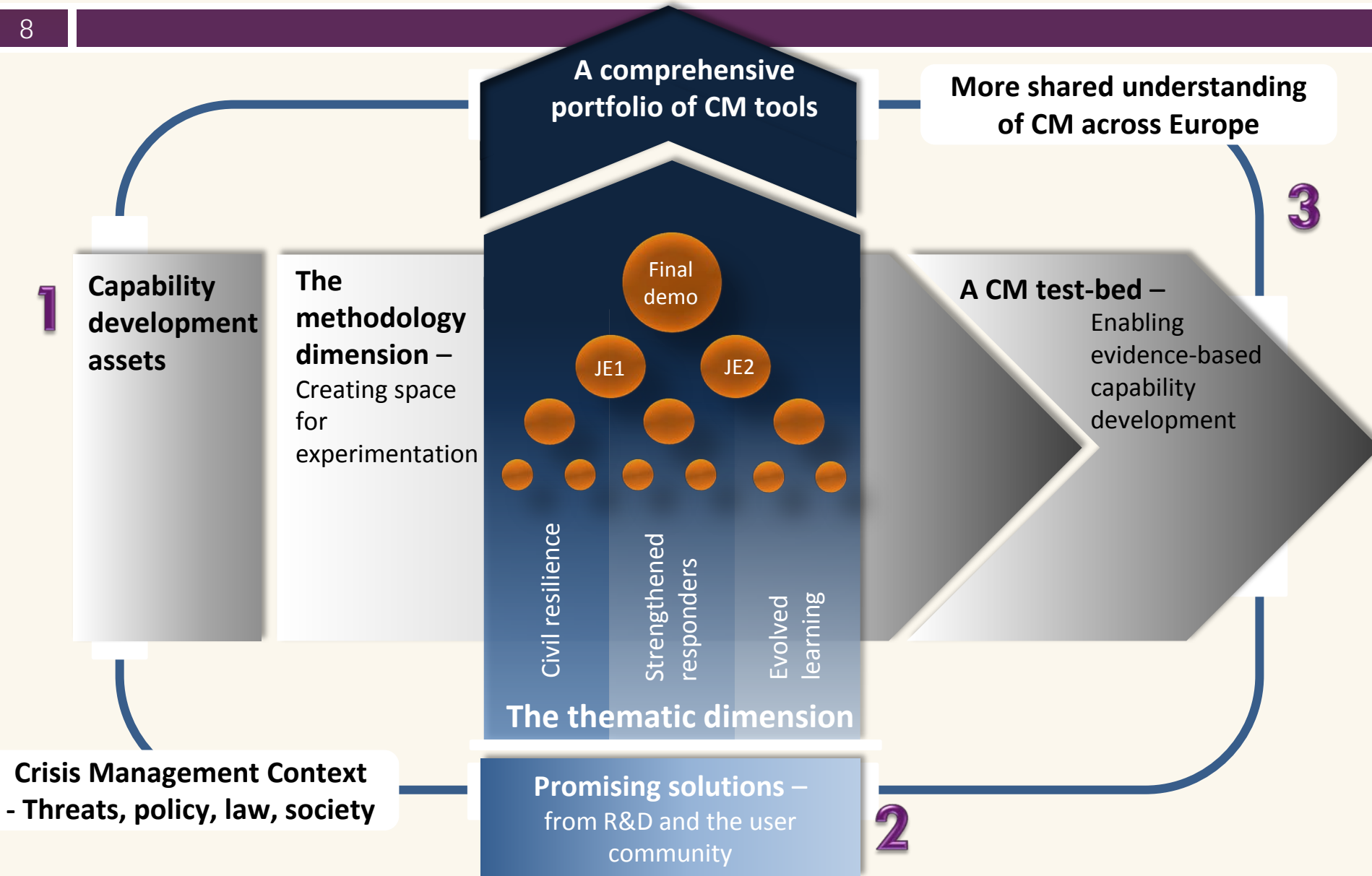


- Establish a European meeting space for the development of a common CM culture

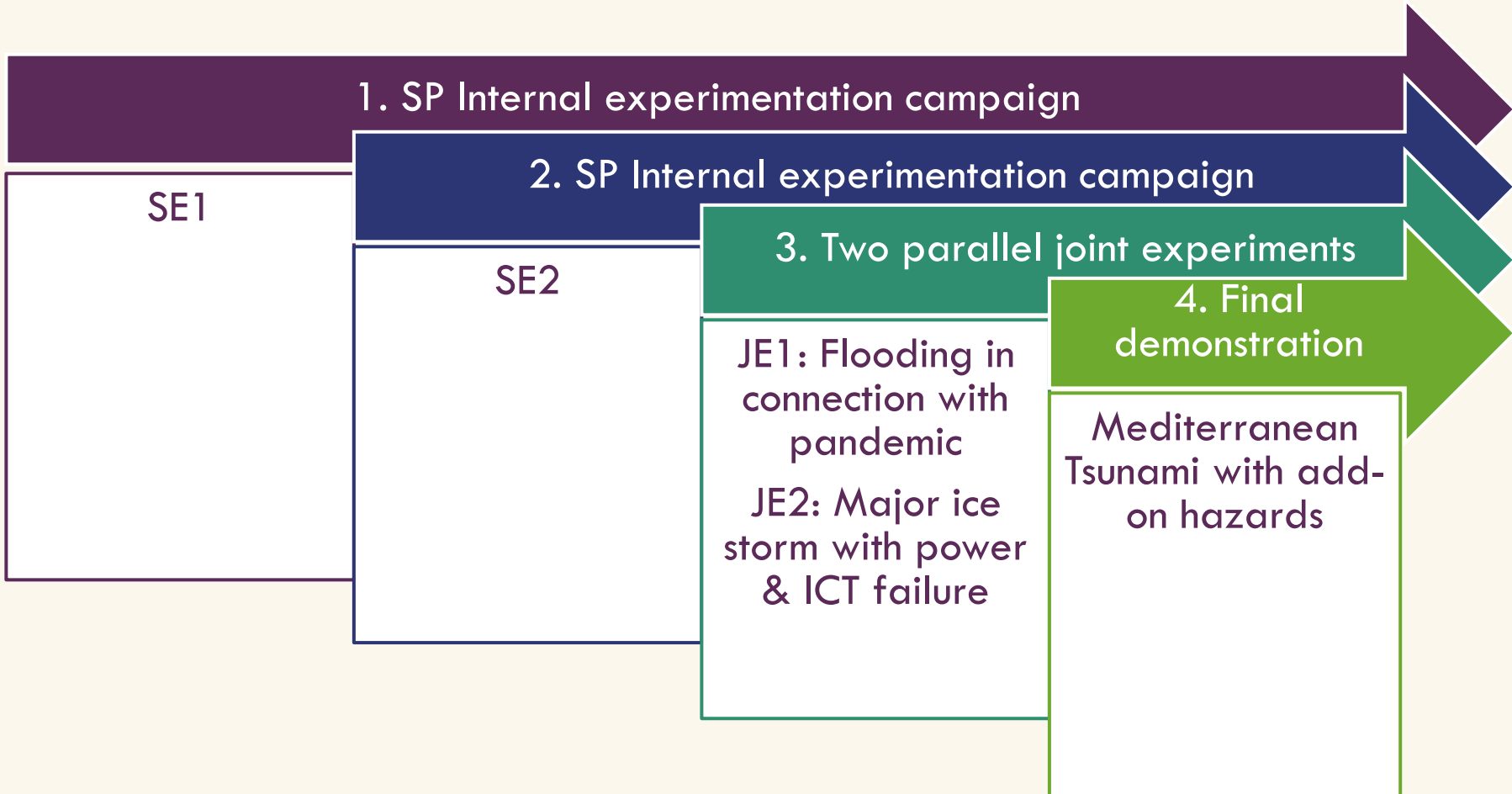


The three dimensions of DRIVER

8



A progression of **experimentation campaigns** of increasing complexity and a final demonstration:



An earthquake occurs in the Mediterranean Sea, generating a tsunami. The wave of submersion affects a vast stretch of the coast, including towns and villages, ports, industrial facilities, transportations routes. A special attention will be given to the cross border Mediterranean dimension and to the involvement of extra EU stakeholders. The European Emergency Response Coordination Centre (ERCC) will be involved.



- DRIVER will deliver effective impact & sustainability by creating and fostering a **DRIVER Community**
- Crisis management practitioners, policy makers, technology suppliers and the citizenry will be invited to join the **DRIVER Community**
- This constantly evolving Community will enable an intensive collaboration with and between crisis management stakeholders concerned by societal and technological innovation in Crisis management and its up-take even beyond the project duration



Driving Innovation in Crisis Management for European Resilience

- About
- Consortium
- Driver Community
- Media Centre
- Related Projects

Newsroom

- DRIVER Open Call
- First Edition of the DRIVER Newsletter

Events

- 30/06/2015 European First Responders Interoperability workshop
- 02/07/2015 TDSS 2015 - Tsunami Decision Support Systems 2015
- 15/09/2015 Fraunhofer 10th Future Security Conference
- 30/09/2015 TIEMS annual Conference 2015
- 05/10/2015 PRO-VE 2015

Shared understanding of Crisis management

DRIVER will create a Community including all stakeholders in Crisis management who are concerned by societal and technological innovation in Crisis management. Join the Community

About The Project

Driving Innovation in Crisis Management for European Resilience
The DRIVER project implements the Crisis Management System-of-Systems Demonstration Programme funded under the 7th Framework Programme by the European Commission.

The DRIVER project aims at three main objectives:

The development of a pan-European test-bed

(An assembly of virtually connected, distributed operational or training facilities dedicated to

The development of a DRIVER Portfolio of Emerging Solutions

that improves Crisis Management at Member State and EU level (Solutions for civil resilience, Solution for

The development of a more shared understanding

of Crisis Management across Europe including all stakeholders in Crisis Management who are engaged by