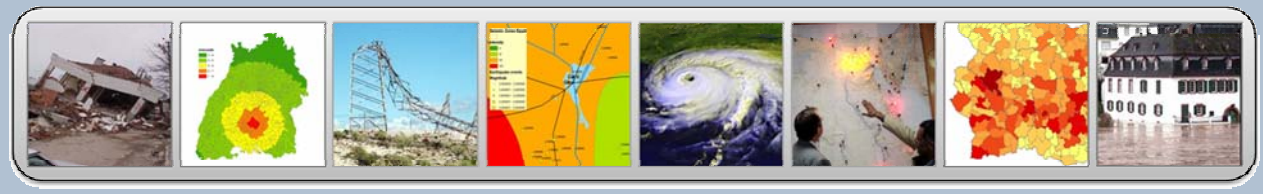
cedim AG



CEDIM and cedim AG – an example for a successful public-private partnership in integrated risk management

cedim AG – Karlstraße 45b – D-76133 Karlsruhe
Tel. +49 721 91345-30

Dr. Tanja Liesch

IDRC Davos 2008, August, 27th

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Universität Karlsruhe (TH)
Research University • founded 1825

Forschungszentrum Karlsruhe
in der Helmholtz-Gemeinschaft

KIT
Karlsruhe Institute of Technology

GFZ
Helmholtz Centre
POTSDAM

Center for Disaster Management and Risk Reduction Technology

- **Interdisciplinary research center**
- **Located at University of Karlsruhe (TH), Research Center Karlsruhe (FZK), GeoForschungsZentrum (GFZ) Potsdam**
- **Founded in 2002**
- **Over 100 involved scientist from 20 different institutes**
- **R&D in the field of earthquake, storm, flood and man-made hazards**

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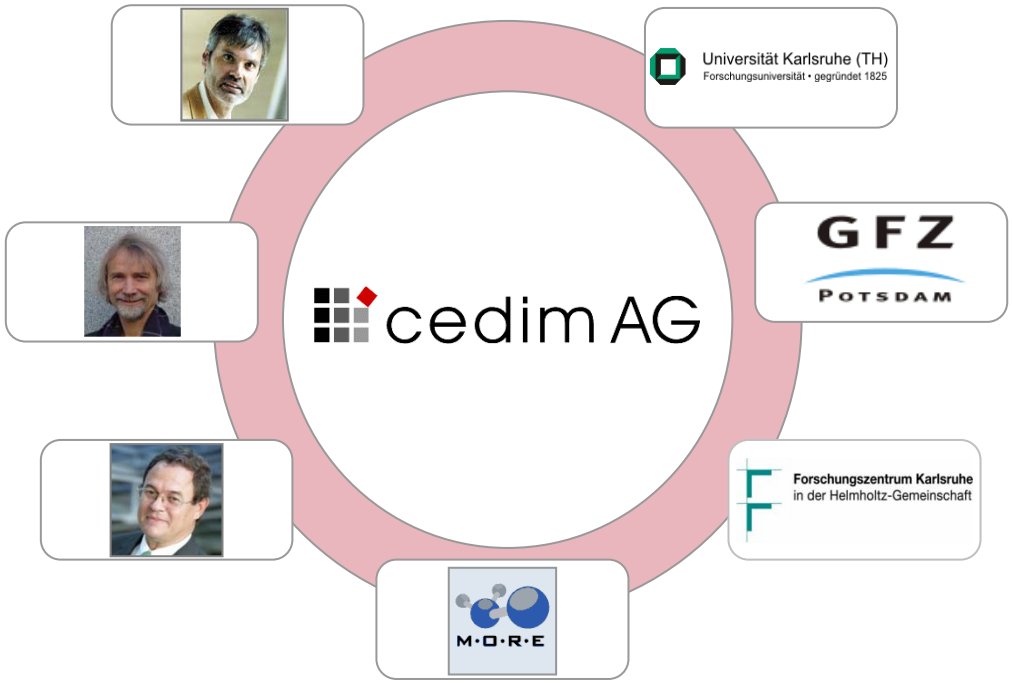
Public Company cedim AG



- **Spin-off company of the CEDIM research center**
- **(Main) Goal: commercialisation/exploitation of research results**
- **First exploitation rights**
- **Founded in 2005**
- **Main business fields: Consulting & Development of Information Systems**

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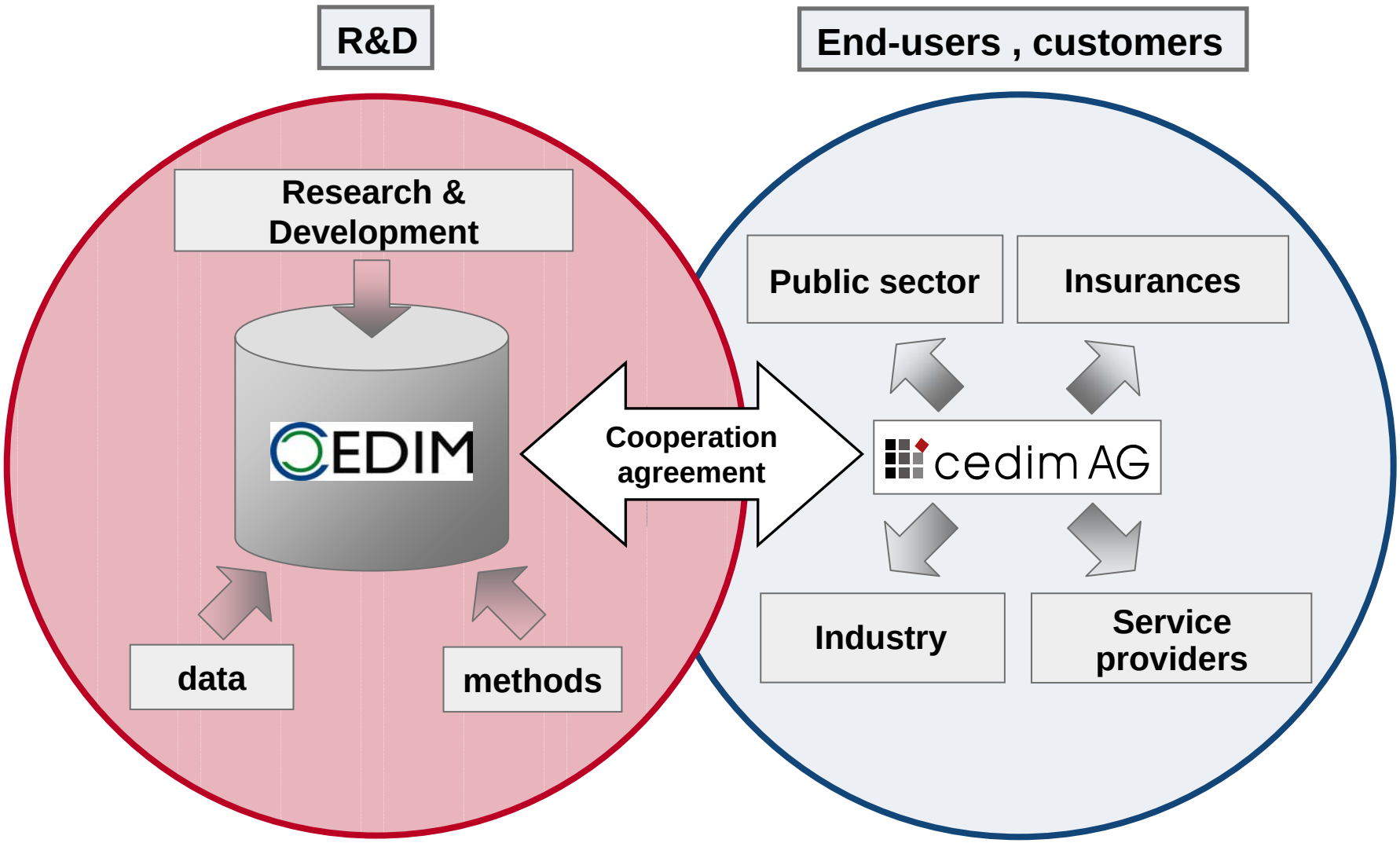
Cooperation of CEDIM and cedim AG



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Seismic Risk Explorer

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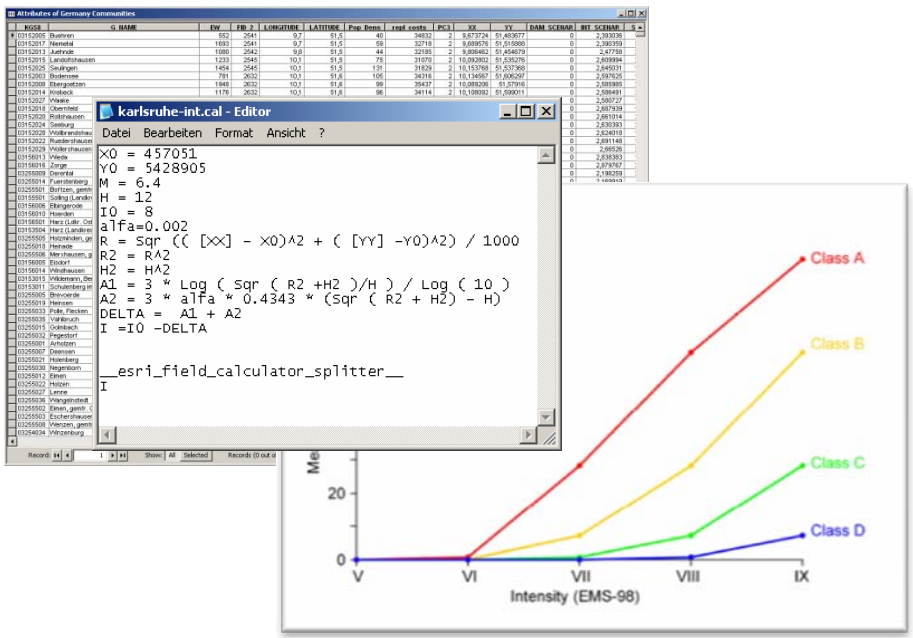
CEDIM



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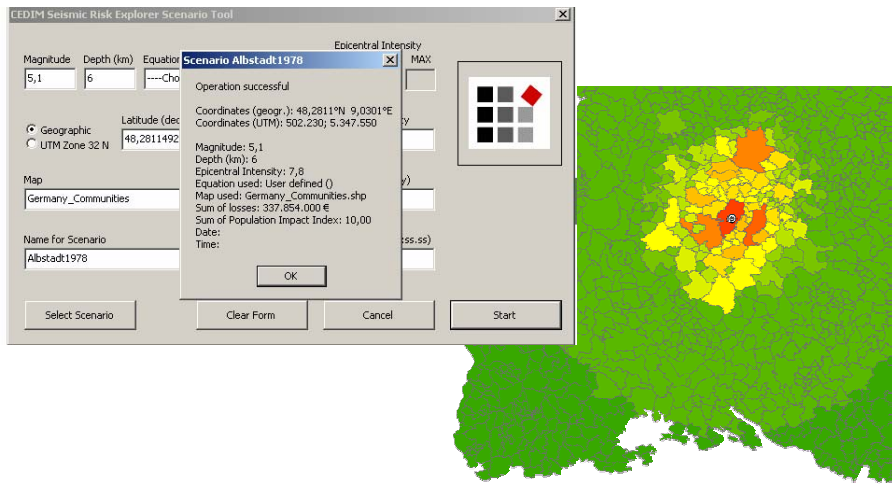

- **Data (vulnerability curves, building stock etc.)**
- **Algorithms (attenuation function etc.)**

- **Programming of a user-friendly interface**
- **Acquisition of projects, customers**

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Winter Storm Risk of Germany

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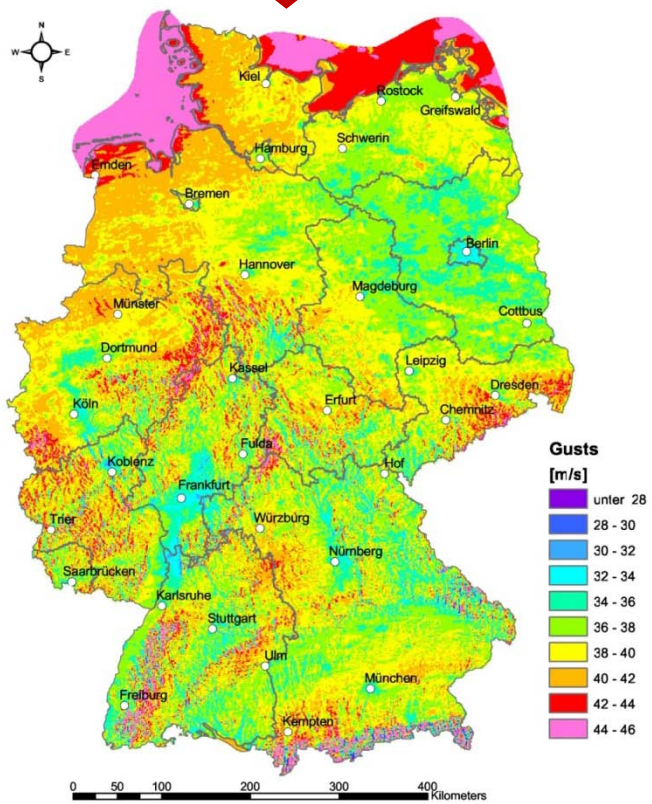
CEDIM



Max. gust Speeds, return period of 50 years
Source: IMK, Uni Karlsruhe

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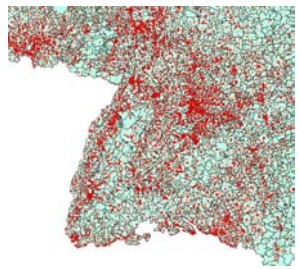
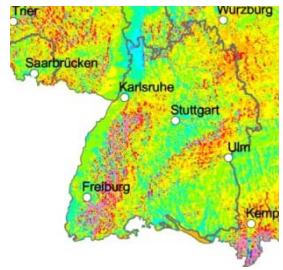
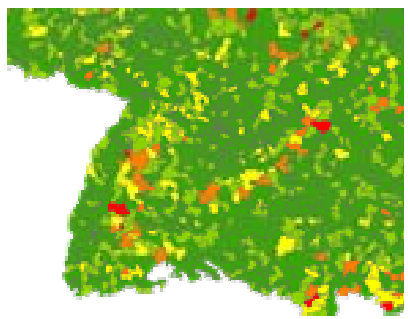


Customers‘ data



Storm hazard



Customers‘ storm risk

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Further information ...

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www.cedim.de

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Further information ...

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- **Prof. Dr. Christoph Kottmeier**

- **Prof. Dr.-Ing. Lothar Stempniewski**

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