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ENISA

Towards a culture of network and information security in Europe

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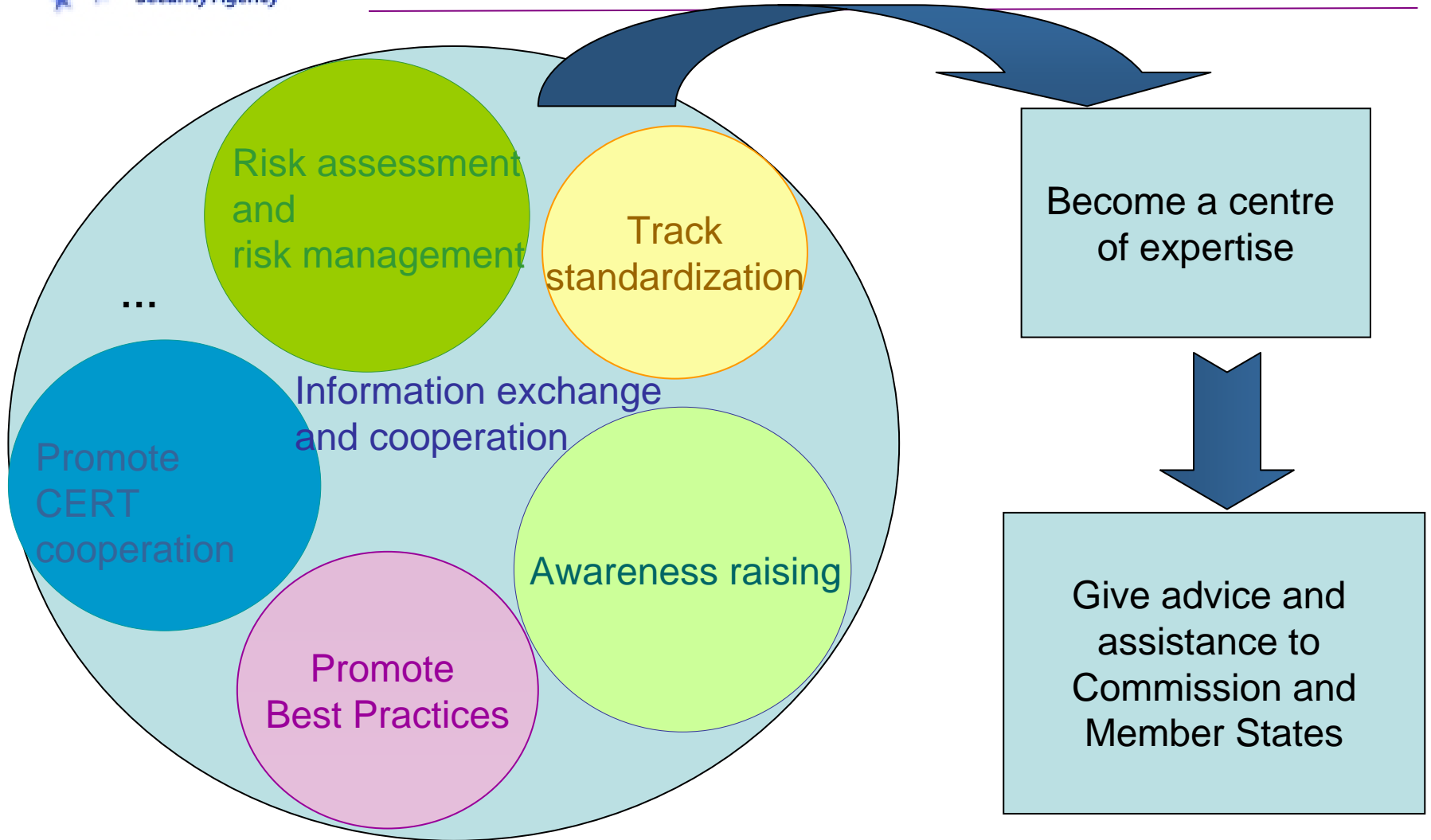
ETSI Future Security Workshop: the threats, risk and opportunities

16th and 17th January 2006 - Sophia-Antipolis, France

Context for ENISA

- Today's society and economy depend heavily on networks and information systems
 - Security of ICT is of increasing concern, for everybody
- Security is a matter of technology and thinking/behaviour
 - At all levels: business, public, individual
- We need to achieve a culture of network and information security

ENISA's tasks



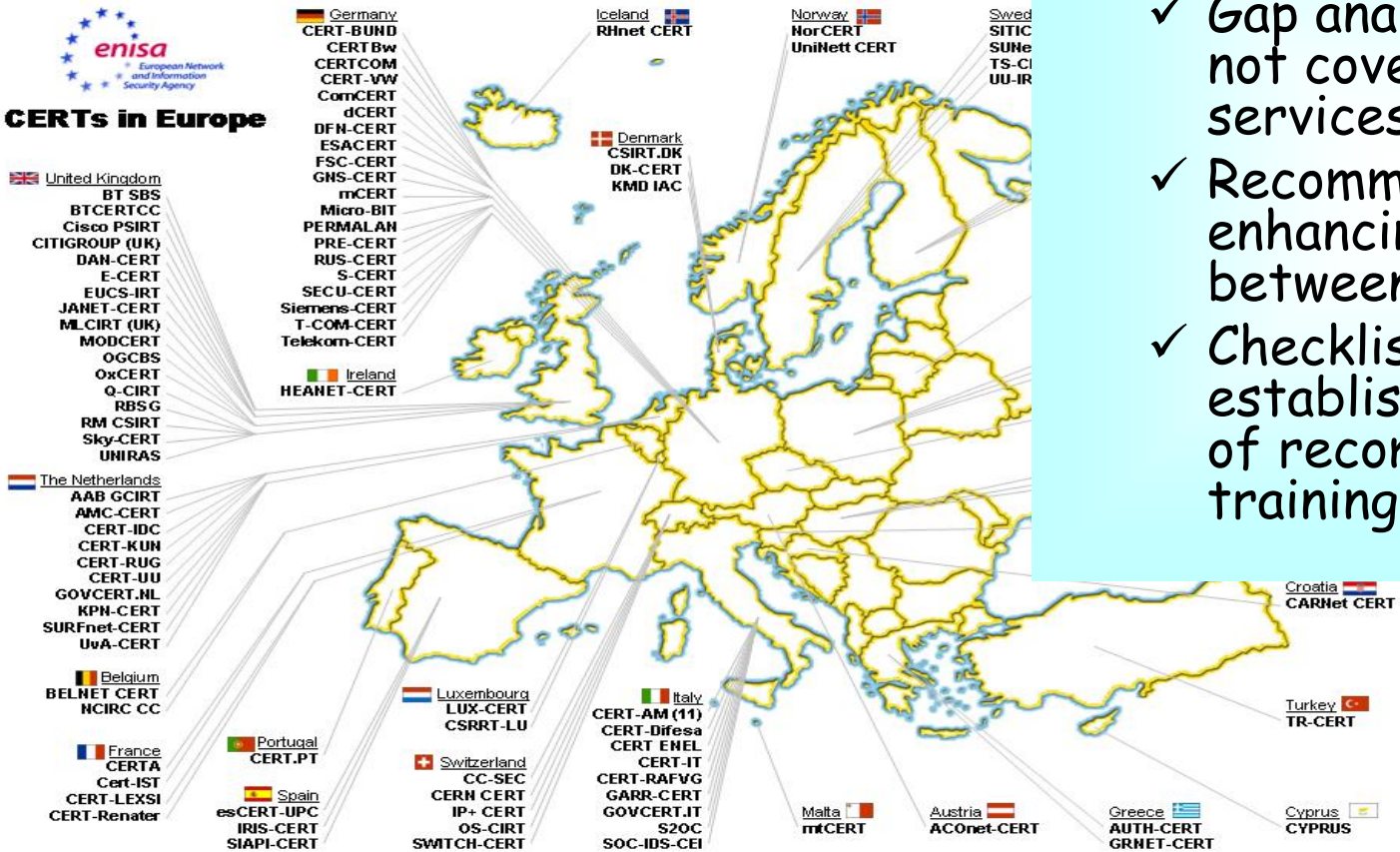
Cooperation and Support Department

- **Computer incident and response handling**
- **Awareness raising**
- **Relations with EU bodies and Member States**
- **Relations with industry and international institutions**

Cooperation and Support Department

- Computer incident and response handling

- ✓ Ad-hoc Working Group
- ✓ Inventory of CERTs
- ✓ Gap analysis of areas not covered by CERT services
- ✓ Recommendations for enhancing cooperation between CERTs
- ✓ Checklist on how to establish a CERT and of recommended training



Cooperation and Support Department

- Computer incident and response handling
- **Awareness raising**
- Relations with EU bodies and Member States
- Relations with industry and international institutions

- ✓ Collate material on awareness-raising initiatives related to information security
- ✓ Customise information packages and present them to the Member States
- ✓ Develop a dissemination plan
- ✓ Ad-hoc Working Group

**Target
Group Profile
(SMEs, Home Users,
Media)**

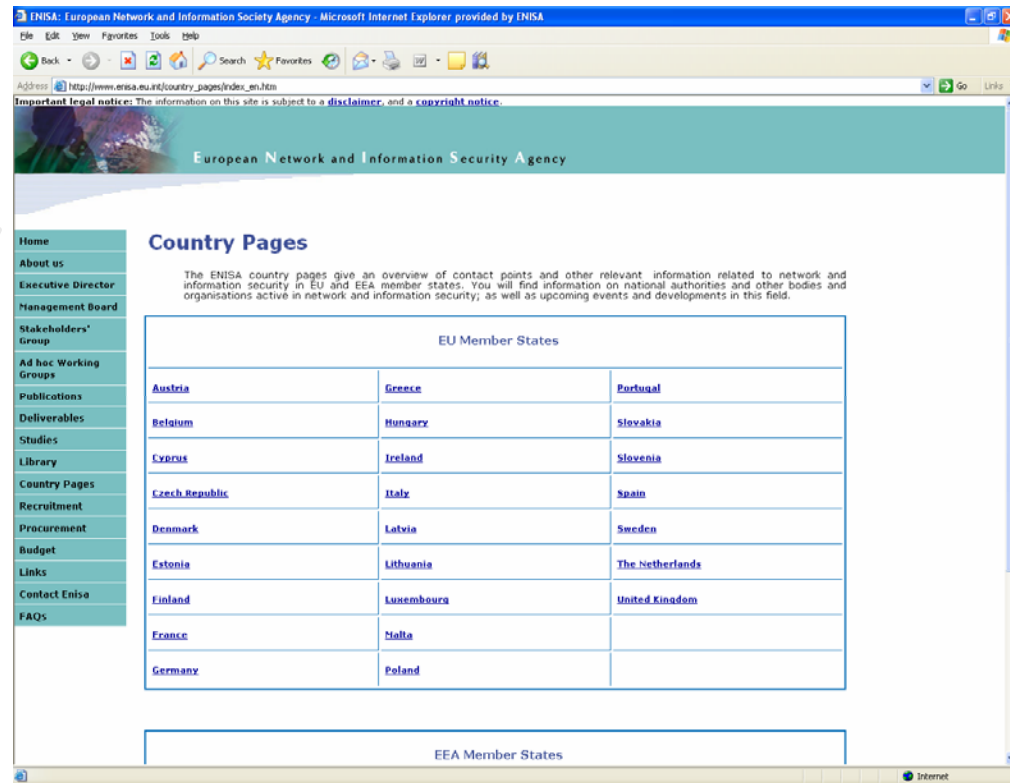
**Prepare
Information
Packages**

**Develop
Dissemination
Plan**

Cooperation and Support Department

- Computer incident and response handling
- Awareness raising
- **Relations with EU bodies and Member States**
- Relations with industry and international institutions

- ✓ Who is Who Database
- ✓ NLO Network
- ✓ Networks of EU Bodies



ENISA: European Network and Information Society Agency - Microsoft Internet Explorer provided by ENISA

Address: http://www.enisa.eu.int/country_pages/index_en.htm

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European Network and Information Security Agency

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Country Pages

The ENISA country pages give an overview of contact points and other relevant information related to network and information security in EU and EEA member states. You will find information on national authorities and other bodies and organisations active in network and information security; as well as upcoming events and developments in this field.

EU Member States		
Austria	Greece	Portugal
Belgium	Hungary	Slovakia
Cyprus	Ireland	Slovenia
Czech Republic	Italy	Spain
Denmark	Latvia	Sweden
Estonia	Lithuania	The Netherlands
Finland	Luxembourg	United Kingdom
France	Malta	
Germany	Poland	

EEA Member States

Cooperation and Support Department

- Computer incident and response handling
- Awareness raising
- Relations with EU bodies and Member States
- **Relations with industry and international institutions**

- ✓ Setup networks with industry and international organisations
- ✓ Create a directory of all relevant stakeholders
 - ✓ business sectors, regions, Financial/Banking, ICT, SMEs, end-users, etc.
 - ✓ associations, international organisations, standardization bodies, etc.
- ✓ Identify current level of cooperation
- ✓ Define platforms for establishing communication

*Objective for the end of 2006:
provide the platform for enhanced cooperation between NIS-related stakeholders, including industry, consumers and international organisations.*

- Risk Management
- NIS Security Policies
- Security Technologies

- Inventory of methods
 - Look what is available on the "market"
 - Provide information so that comparisons are possible
- Information packages
 - Generate comprehensive information packages for types of stakeholders
- Consolidation of existing definitions
- Roadmap on emerging risks

NIS Security Policies

- Best practices for technical and procedural security policies for SMEs and other sectors
- Inventory of measures and principles recommended or adopted by providers of electronic communication services to comply with legal requirements
- Assessment of the need to facilitate application of existing accreditation and certification schemes
- Framework for identifying various levels of security, in particular for different authentication methods

- Analysis of the major technical developments in relation with standardization and other NIS initiatives.
- User interface and security.
- Presence of ENISA in various fora and establishment of a network of contacts in the technical, development, standardization, and research community.
- Dissemination
 - Web Portal
 - ENISA Quarterly
 - Quarterly magazine about ENISA's main activities, together with articles by NIS experts.



- Web Portal gathering NIS information
 - (Central and updated) repository addressing the information needs of a large community of stakeholders
 - (Security) Trends, Technologies, Tools, Issues, Emerging Risks, Fora
 - Overview of standardization, broad spectrum
 - ENISA will, in 2006, work on tracking of standardization
- Possible future leverage on the repository to e.g. identify gaps and advise on the need for future action

Conclusions

- Network and information security affects everyone. ENISA's role is to involve all stakeholders.
- ENISA shall help faster a culture of NIS in Europe.
- Recognised key-role of Standardization.
- We look forward to cooperating with the European network and information security community.