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ENISA's role in achieving a culture of network and information security

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Security is vital for the development of the information society

- “Investing in information and communication technology is Europe’s best bet for delivering sustained growth and skilled jobs“ (Viviane Reding)
- This requires secure network and information systems



In order to benefit from ICT we need to:

- Have highly available networks and systems
- Be able to assure who we are communicating with, and
- Ensure that the information communicated is not altered or listened into



Context for ENISA

- All parts of society are increasingly becoming dependent on the availability and functioning of ICT
- There has been no systematic cooperation on Network and Information Security between Member States
- Member States and EU-institutions need to share best practices on network and information security matters



The culture of security

All stakeholders should:

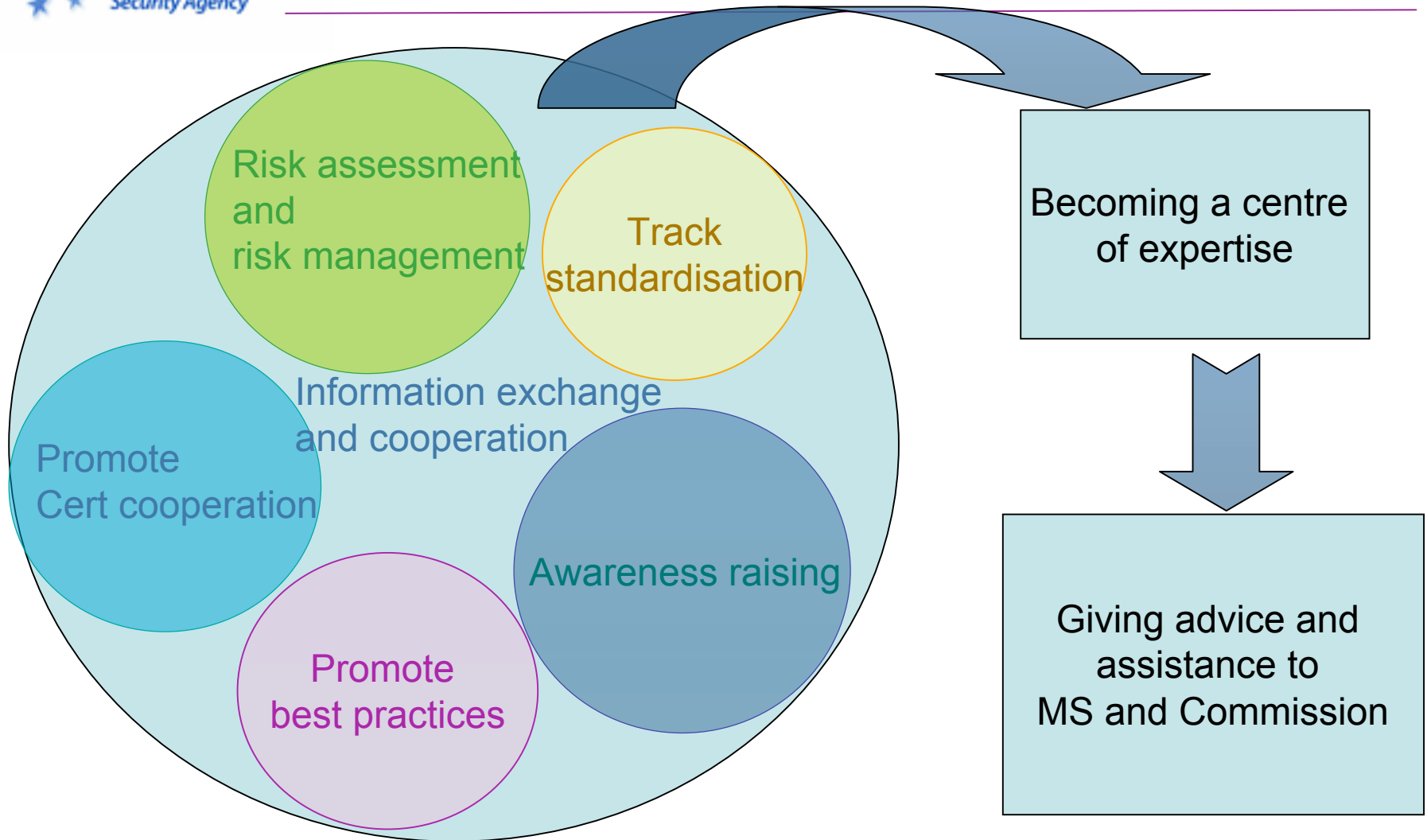
- be involved in the work of creating a culture of security
- be aware of their own roles and responsibilities

This is a process that requires time and a change of mindset

Which are the problems?

- Almost half of home users in one survey had experienced serious errors and faults with their equipment. Most of them did not manage to fix the problems
- 1/4 of all UK businesses suffered significant systems failure or data corruption
- 25% of the US-users have reduced their on line purchases during the last year due to perceived risks.

ENISA's tasks



Awareness raising

- Lots of initiatives have been taken in Member States – good basis for selecting best practices
- ENISA will help with customised “information packages”
- Approach adapted to the concerned target group
- Positive message
- European Network and Information Security Awareness Day

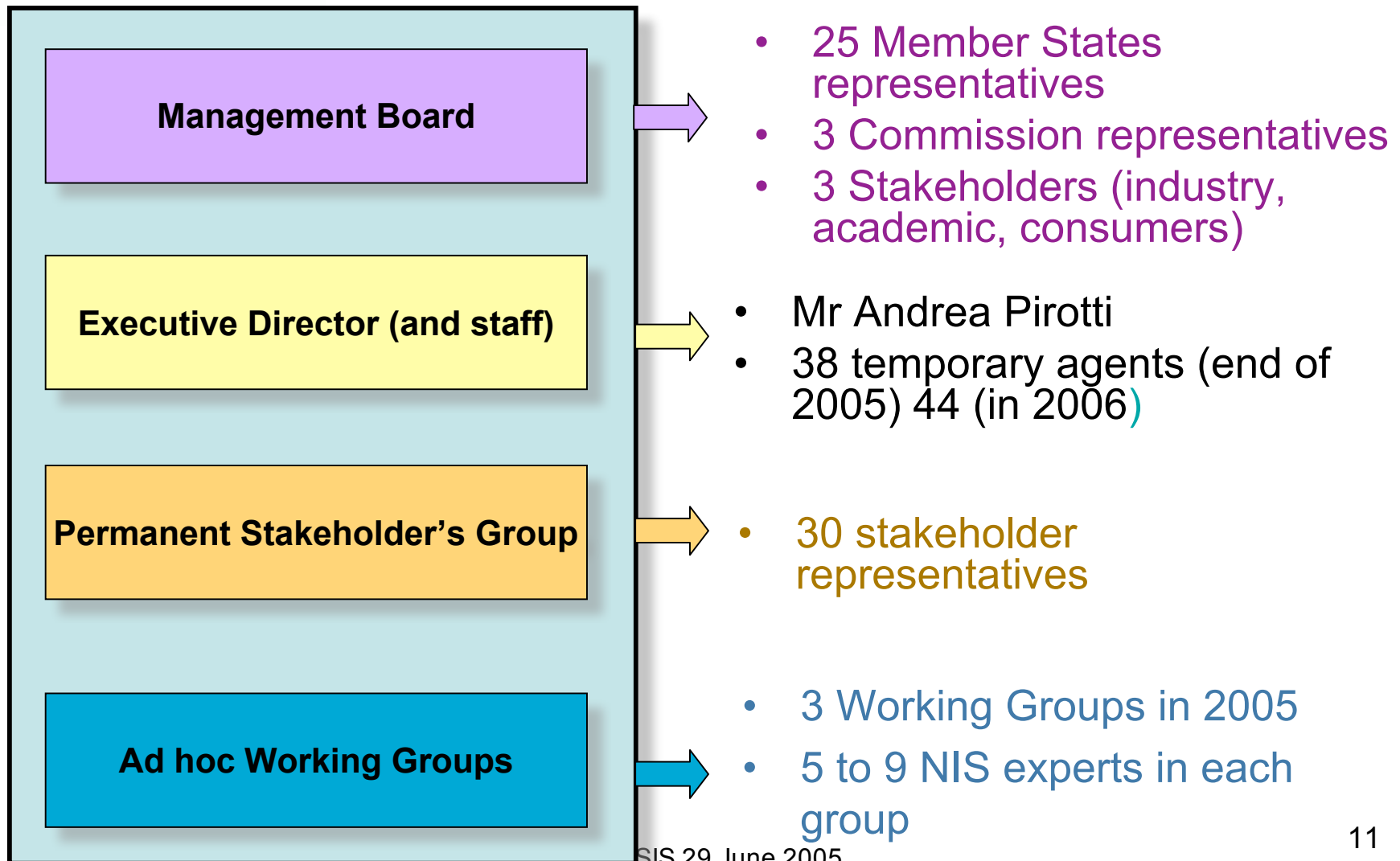
Risk assessment and risk management

- Various approaches developed in Member States, BS7799, EBIOS, IT-baseline protection etc
- No one-size fits all solution – best practices have to be adapted to specific use/sector
- Emphasis on SME:s
- Methods of comparing risk assessments

Cert cooperation

- Most countries have some sort of CERT/CSIRT, but not all areas are covered
- ENISA shall support and guide those who want to set up a new CERT
- Identify best practices for cooperation and establishing CERTs
- Identify simpler models where a CERT is too advanced e.g. “WARP”s and abuse teams

Structure of ENISA



The months ahead

- **Move to Heraklion in August!**
- Recruitment - total 38 people by the end of 2005
- Country web pages
- Who is who directory
- Newsletter – first issue planned for June





Conclusions

- Network and information security affects everyone ENISA's role is to involve all stakeholders
- ENISA shall help make Europeans to advanced and security conscious IT-users and
- we look forward to cooperating with the European network and information security community

