



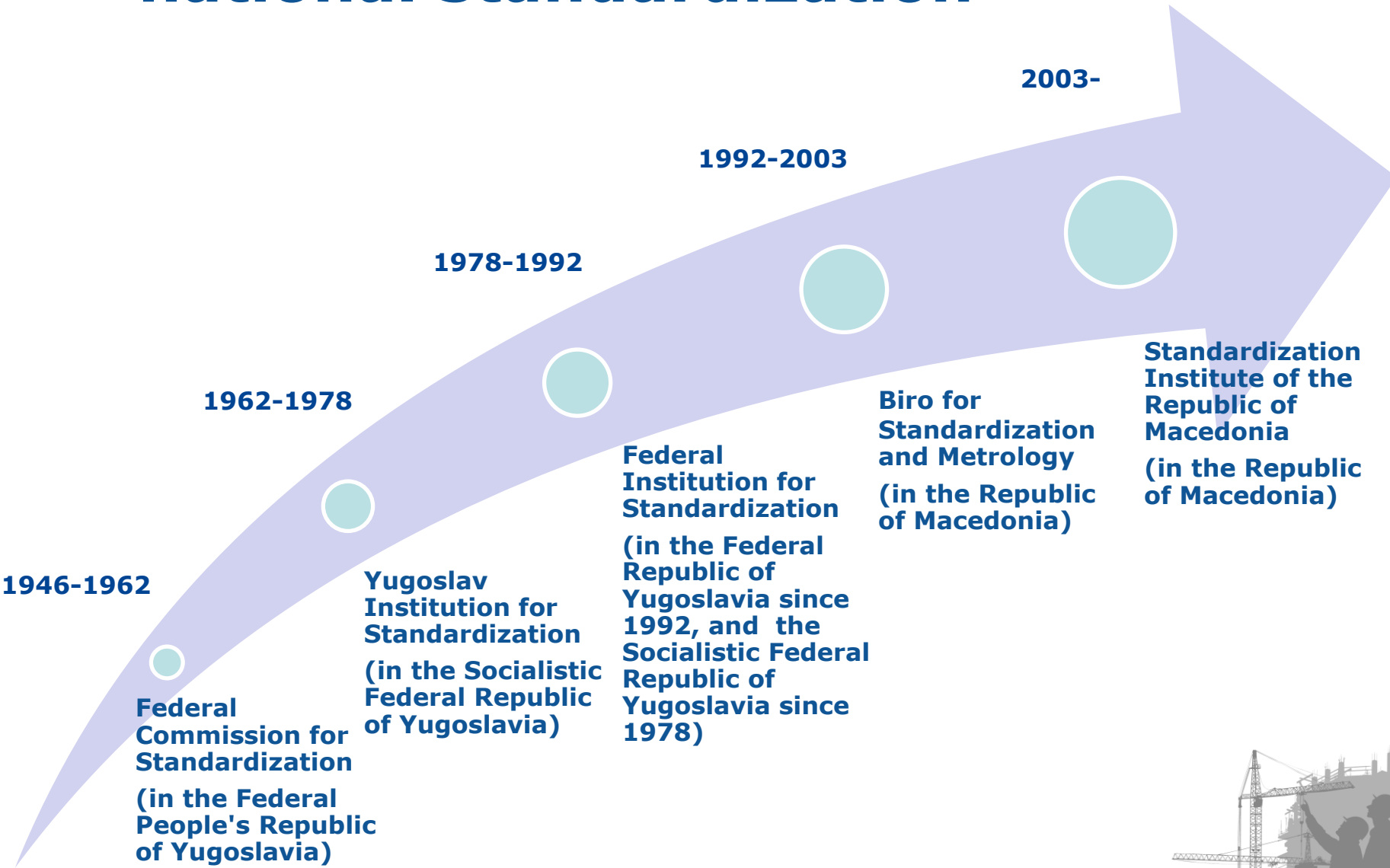
Eurocodes and National Annexes Republic of Macedonia

**Standardization Institute of
the Republic of Macedonia**

ISR M



History of Macedonian national standardization



ISRM General introduction

- *In March 2003 Standardization Institute of the Republic of Macedonia (ISRM) was established as an independent public institution, separating from the Bureau of Standardization and Metrology*
- *ISRM as the only national standards body in the Republic of Macedonia represents the interests of the Republic of Macedonia in international and European standardization*



***ISRM is official recognised national standards body
in the Republic of Macedonia, competent for all areas
covered by :***



International Organization for Standardization



International Electro technical Commission



European Committee for Standardization



European Committee for Electro technical Standardization



European Telecommunications Standards Institute





Full member from 1995



Full member from July 2012



Full member from July 2012



Associate member from January 2005



NSO from December 2006



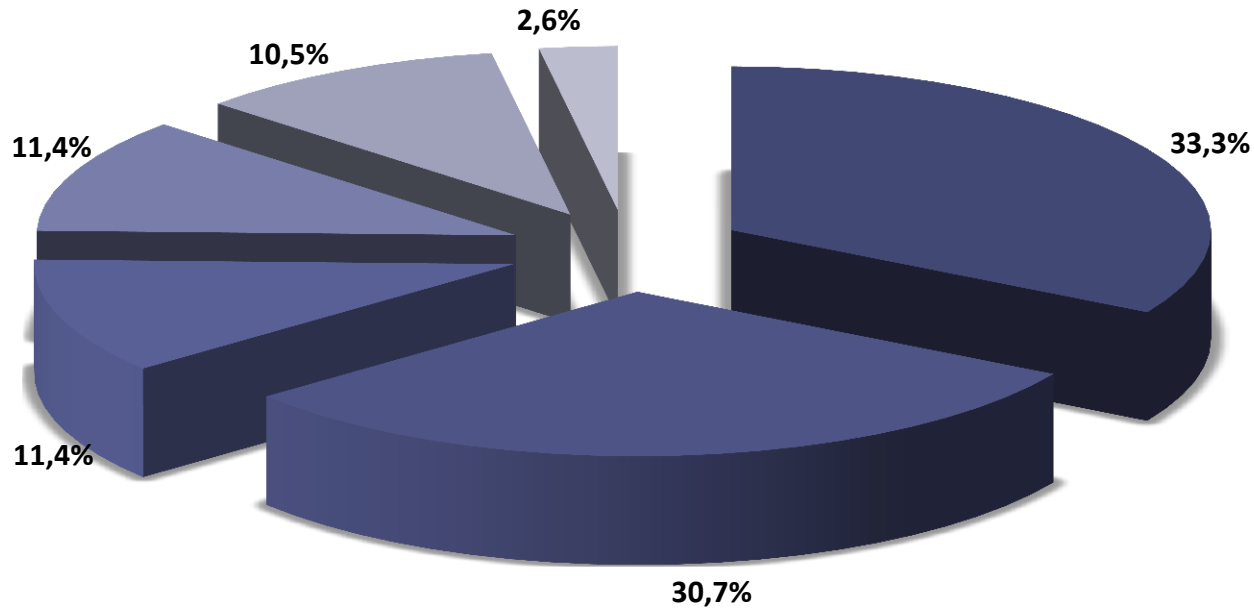
ISRM as national standards body of the Republic of Macedonia is responsible for the standardization process in the following sectors covered by the existing ISRM technical infrastructure (ISRM TCs, Working groups and the ISRM Programming Committee):

- ✓ *building and construction;*
- ✓ *chemicals,*
- ✓ *chemical engineering,*
- ✓ *agricultural and food products;*
- ✓ *products for household and leisure use;*
- ✓ *mechanical engineering;*
- ✓ *metallic materials;*
- ✓ *non-metallic materials;*
- ✓ *environment, health and medical equipment;*
- ✓ *transport, mechanical handling and packaging;*
- ✓ *general electro technical standards;*
- ✓ *electronic engineering;*
- ✓ *electrical engineering;*
- ✓ *information technology;*
- ✓ *telecommunications;*
- ✓ *services;*
- ✓ *fundamental standards.*



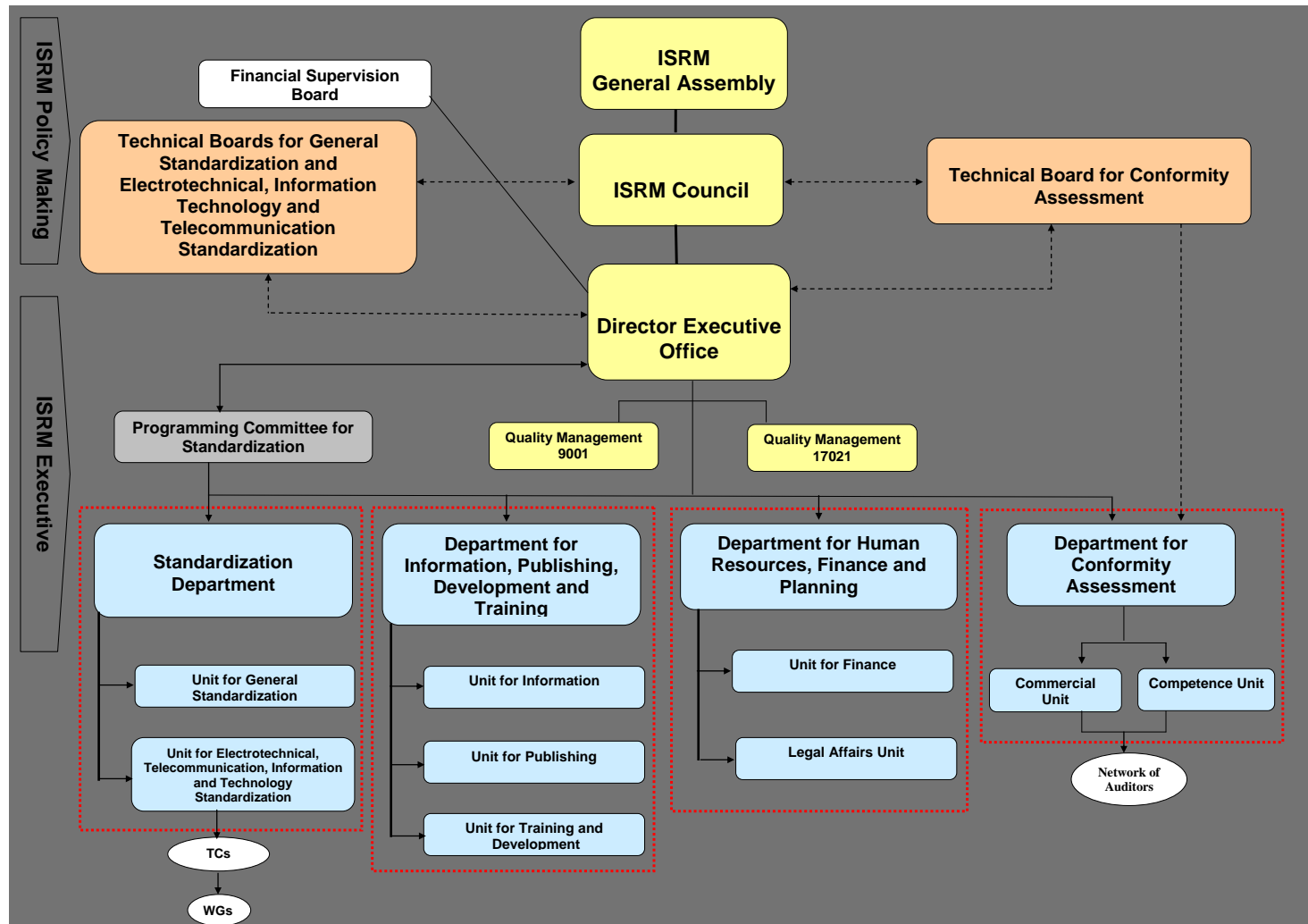
Current structure of ISRM members

■ industry ■ services ■ government bodies ■ associations ■ education ■ physical person



NOTE: All statistical data, are given until October 30, 2011





ISRM TC 30 Eurocodes – 2007 to 2012

- *Period Familiarization with Eurocodes*
- *Very small progress regarding adoption of standards*



ISRM TC 40 – year 2012

- *All the standards and standardization documents from the mirror TC 250 are adopted as Macedonian by endorsement in 2012*
- *3 National Annexes are published:
MKC EN 1990:2012/HA:2012
MKC EN 1991-1-1:2012/HA:2012
MKC EN 1998-3:2012/HA:2012*
- *1 National Annex is on Public Enquiry
prMKC EN 1997-1:2012/HA:2013*



ISRM TC 40 – year 2013

- *13 full translated standards – PE 40.20*
- *45 full translated standards – PE 60.60*



ORGANIZED ACTIVITIES

- *SEMINAR _ HARMONIZATION OF NATIONAL AND EUROPEAN STANDARDIZATION IN THE FIELD OF GEOTECHNICAL ENGINEERING, organized by CEN and ISRM TK40 &TK11 (TAIEX), Hotel Continental -Skopje, March 2011.*
- *Workshop: TAIEX 41313 Expert mission on Nationally Determined Parameters to Eurocode 7. In organization of CEN and ISRM, supported by GTZ Brussels. Skopje 17-20 May 2010.*
- *SEMINAR _ PRESENTLY APPLIED VERIFICATIONS IN GEOTECHNICAL DESIGN IN MACEDONIA FOR SPREAD FOUNDATION, MACEDONIAN ASSOCIATION FOR GEOTECHNICS 24-26 јуни 2010.*



- *ISSMGE Touring lectures and SEMINAR on EC 7 an geotechnical aspects of EC8, organized by Macedonian association for Geotechnics and ISSMGE) , Struga, 11.2008*
- *11th MASE Symposium MK >>EU, Ohrid 2007.*
- *Full member in CEN (an representative in TC250)*
- *ORGANIZED VISITs to seminars and Workshops*
- *Collaboration with regional standardization bodies*
- *Obtained GTZ support*
- *IPARD funds*
- *Support from the Chamber of Authorized engineers and architects*



ISRM TC 40 - further steps

- *Nine working groups formed by ISRM TC 40 – Eurocodes and National annexes witch already work on preparation on NA*
- *Committee is planning to have most of the NA in stage 40.20 and 60.60 till end of 2014*



Specific problems and needs

- *FINANCES for preparation of NA*
- *More Training and EXPERT missions*
- *Possibilities of twinning programs*
- *The possibilities of regional approaches are recognized but ..*



Thank you very much for your attention

