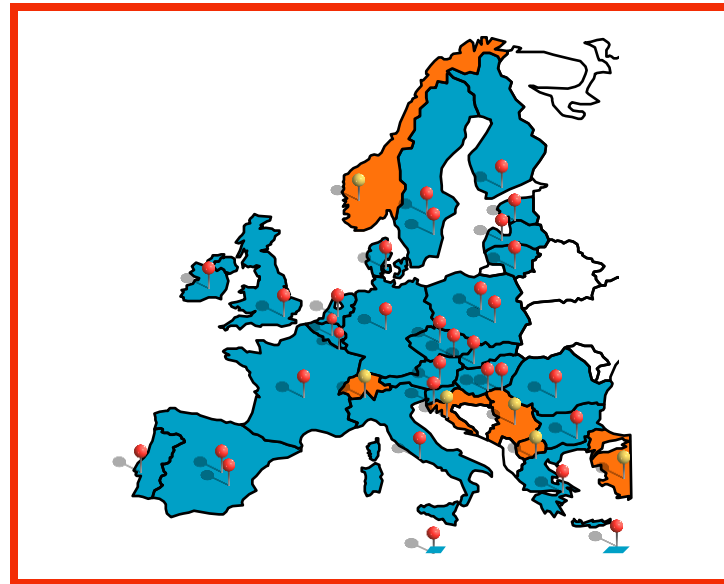




Summary of the Workshop

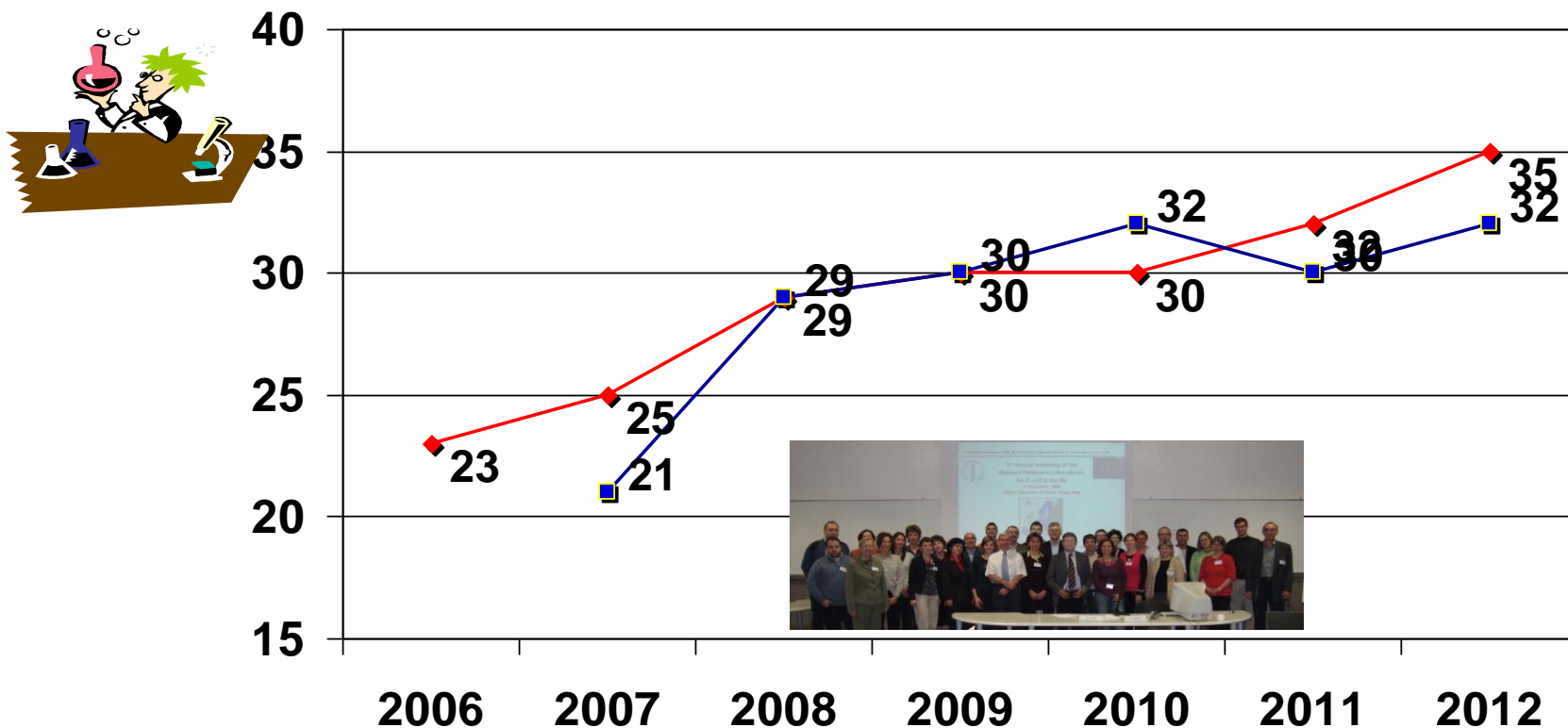


Aim of the Annual Workshops

To establish and consolidate the Team of EU Reference Labs

NRLs participating in the Network activities

◆ Workshop ■ PTs



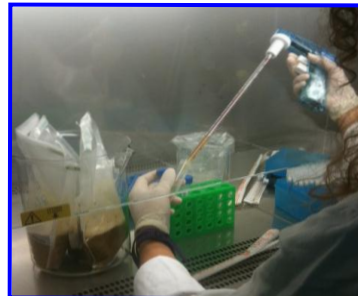
To establish and consolidate the Team of EU Reference Labs

PREPAREDNESS

- ✓ Increased awareness on VTEC after the O104 outbreak
- ✓ Developments in the legislation on VTEC
- ✓ Publication of a laboratory standard
- ✓ Outbreaks continue to occur



Increased request of VTEC testing



PREPAREDNESS

PT8 results

- ✓ **Significant number of NRLs performing
Real-time PCR**
- ✓ **100% of correct results !!**

Detection of VTEC in food

- ✓ ISO/TS 13136 has been published
- ✓ A similar diagnostic approach is used in EU and USA
- ✓ First specific regulations issued in EU and USA
- ✓ Surveys conducted by the NRLs on meat and milk
- ✓ The prevalence of VTEC in these products is r

high

**How to manage a positive PCR
screening test NOT supported by
VTEC isolation ???**

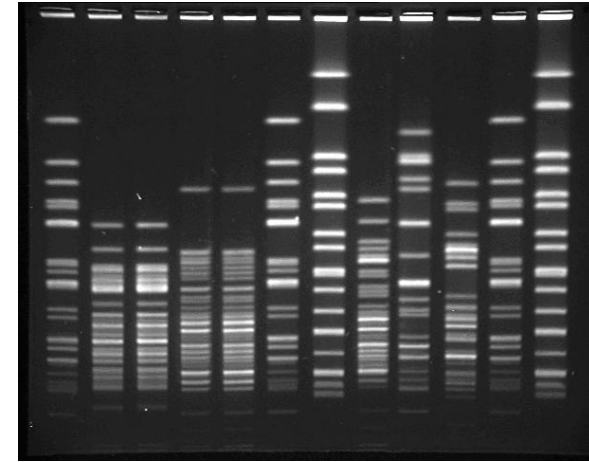


Molecular typing data bases

- ✓ **SANCO is supporting the joint (ECDC – EFSA) development of data bases for molecular testing of foodborne pathogens in view of outbreak preparedness**
- ✓ **Importance of intersectoral collaboration**

Molecular typing data bases

- ✓ Role of the EU-RLs in providing advice, EQA, and training (and data curation?)
- ✓ Role of the NRLs in providing molecular profiles
- ✓ Specific training available at the EU-RL
- ✓ Joint PT on PFGE typing with the ECDC FWD Network



E.coli is not only VTEC !

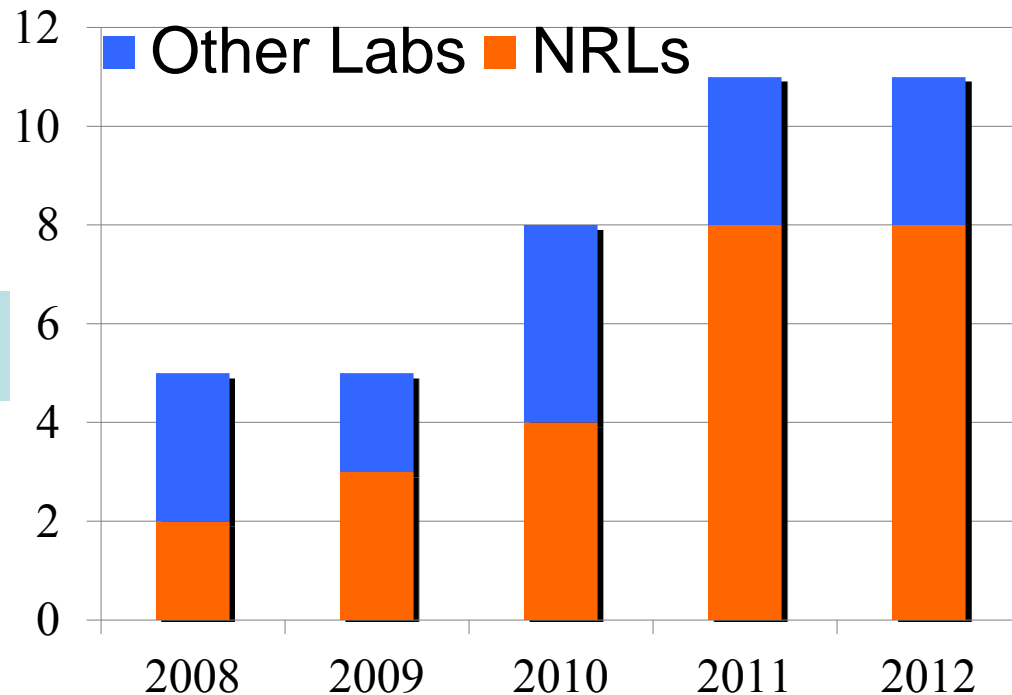
- ✓ *E. coli* other than VTEC can cause foodborne infections
- ✓ Need of preparedness toward other *E. coli* patho-types

Proficiency Testing (PT) in 2013

- ✓ **PT on the identification and typing of other patho-types (EIEC, EAaggEC, ETEC)**
- ✓ **PT on the detection of patho-types other than VTEC in food**

Training at the EU-RL

- ✓ Increasing number of scientists visiting the EU-RL
- ✓ 8 training visits supported by DG SANCO in 2012



Thank you and

..... ARRIVEDERCI to 2013 !!!

