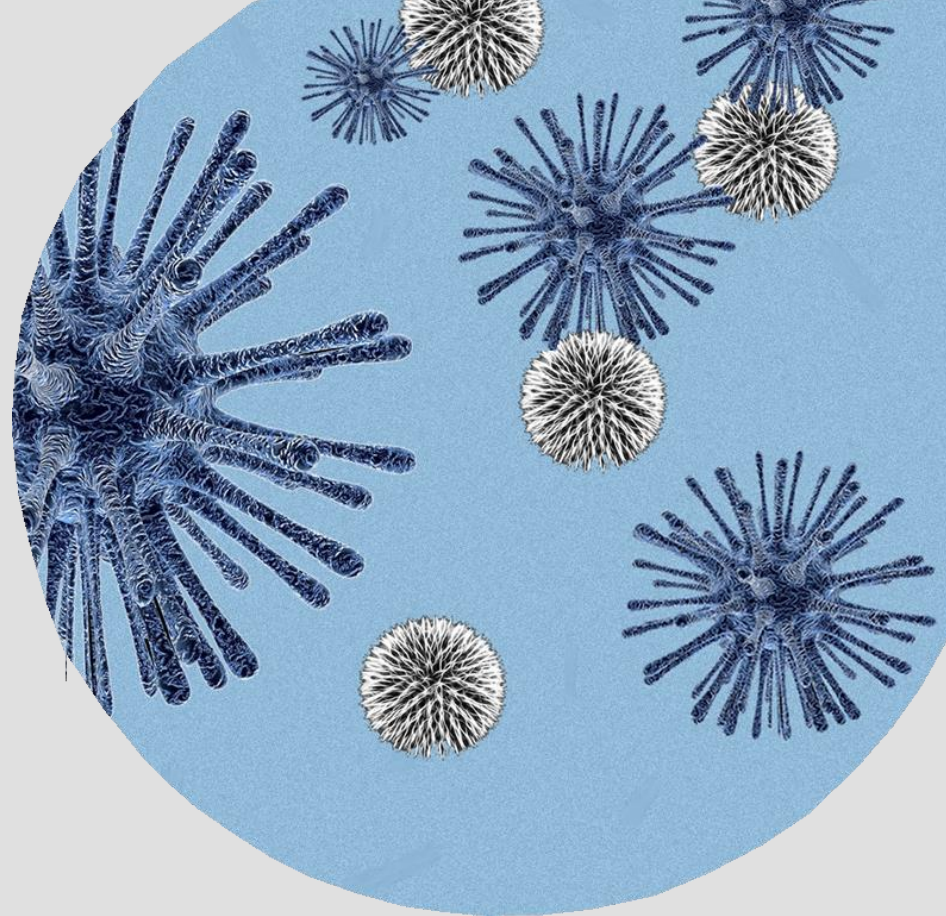


The Buyers group interests in a PCP for their needs solution: Autonomous Province of Trento

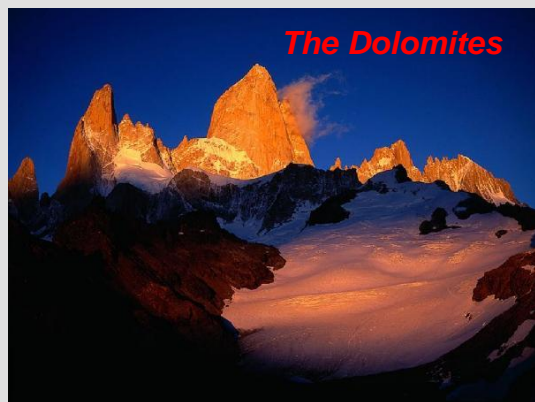
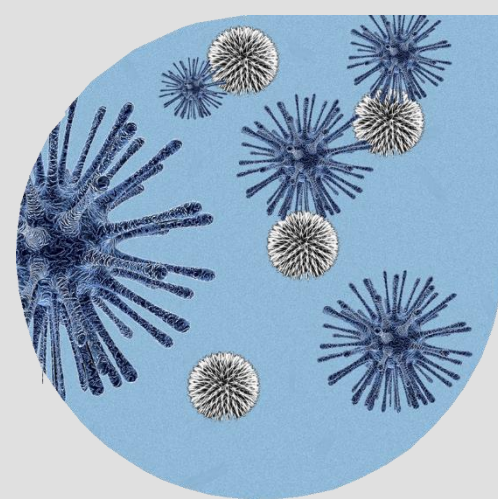


Introduction to ANTISUPERBUGS : A Pre-commercial Procurement (PCP) developing ICT solutions for detecting resistant microorganisms in health-care environments - HEALTHIO Health & Innovation (Barcelona, May 4, 2017)





Autonomous Province of Trento



Population	536,967 * (60,6 M)
GDP per head	32,000 € (23,467 €)
Unemployment rate	6.9 % (11.5 %)
(* 2010 figures; July 2012: Italy = 10,7; EU27 = 10,4)	
Tourist day stays	29.8 M

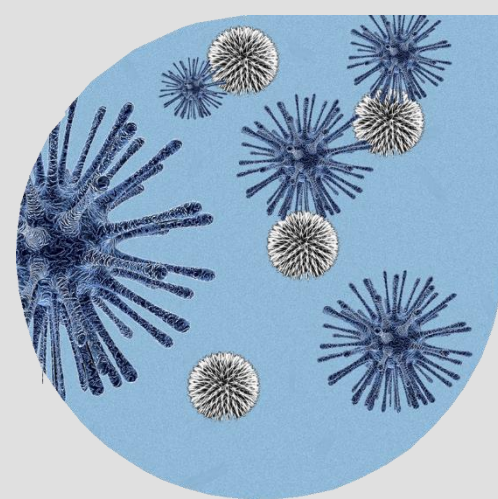
Birth rate (x 1,000)	10.0 (9.1)
Life expectancy*	M = 81.2 yrs (80.2)
(*at birth, 2014 figures)	F = 86 yrs (84.9)
Infant mortality rate	2.3 x 1,000 (3,6 x 1,000)

^ Corresponding figures for Italy in brackets





Health Service

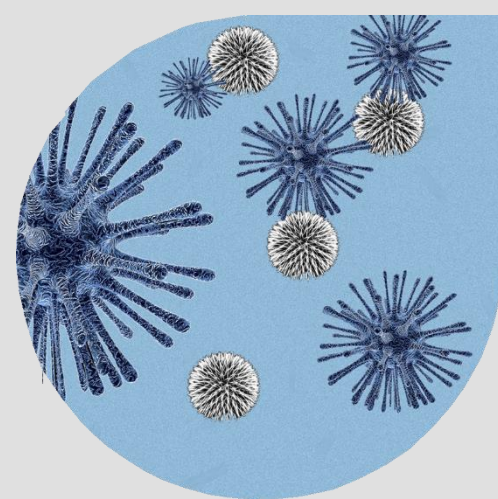


- Administratively, the Province enjoys a **large degree of autonomy** in the sectors of **health**, education and research, welfare and transport infrastructure
- The instrumental entity of the provincial administration responsible for health is the **Healthcare Trust of the Autonomous Province of Trento**, single **public authority** with an annual budget of **1.2 billion euro**
- Regional health policies enacted by the **Department of Health and Social Policies** support the development of **integrated models of care** and **smart ICT solutions**
- **Provincial strategy for dialogue and collaboration** between healthcare services, **academia, research organizations – i.e. Bruno Kessler Foundation – and private companies**



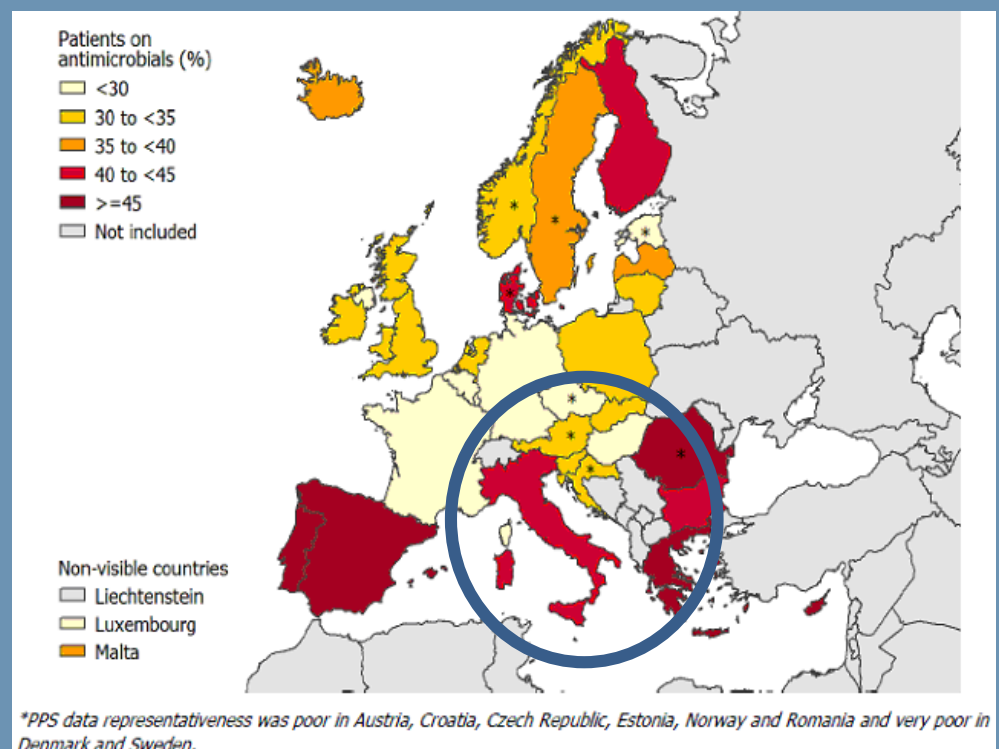
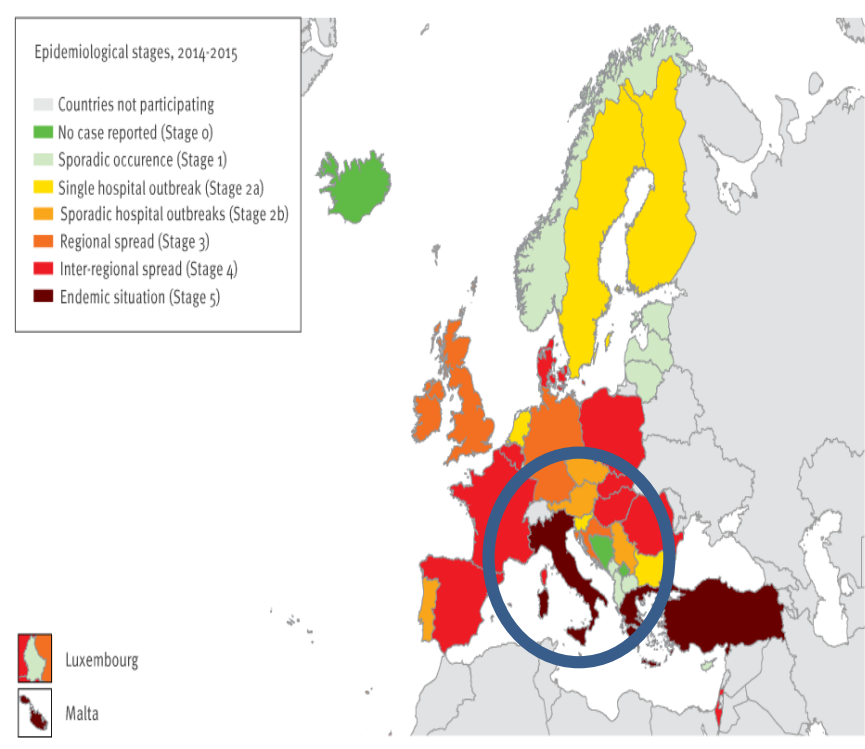
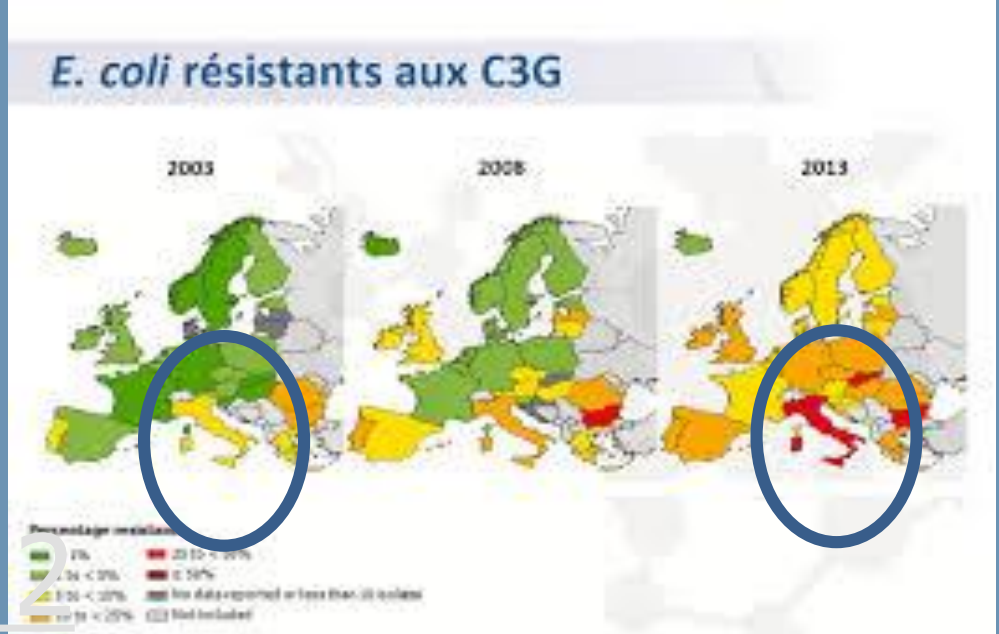
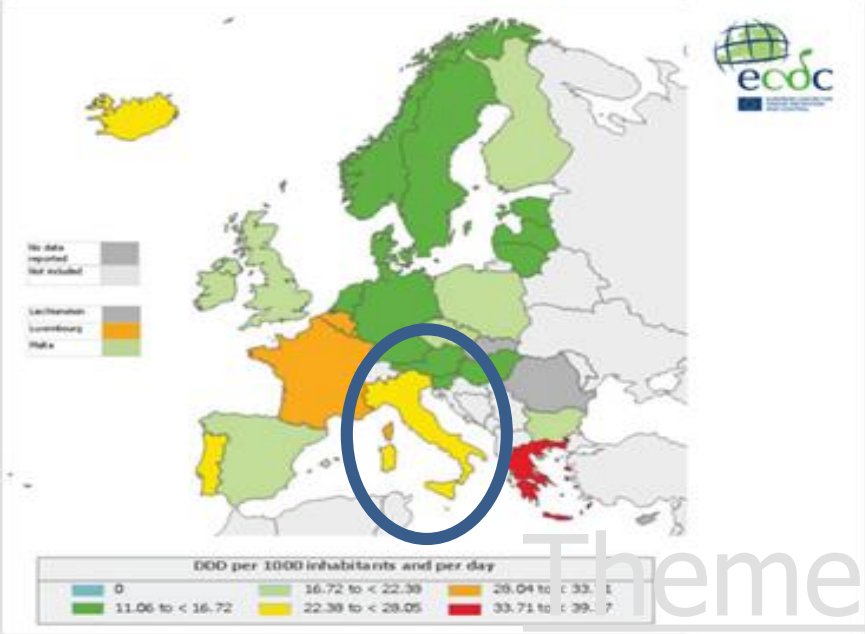


HAI in Trento



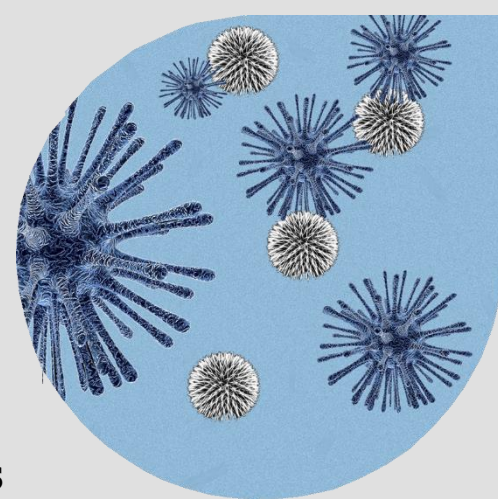
- Multiple analytical **tools for monitoring and reporting** in place at hospital/unit level (i.e. infection, antibiotics consumption, prevention practices compliance, microbial resistance)
- Systematic participation to national and **international campaigns (i.e. *clean care is safer care*)** and surveys – **research projects**
- Current **priorities**: education, procedures and tools for **appropriate management of antibiotics**, strengthening of surveillance systems







Needs detected



Content-specific

1. **Detection** of **antibiotic resistant bacteria** and **alert systems**
(real-time and through different signal types/devices)
2. **Monitoring** of contamination/association of microorganisms with particular **surfaces/media**
3. **Surveillance** of infections in **patients at risk** and clinical decision support systems

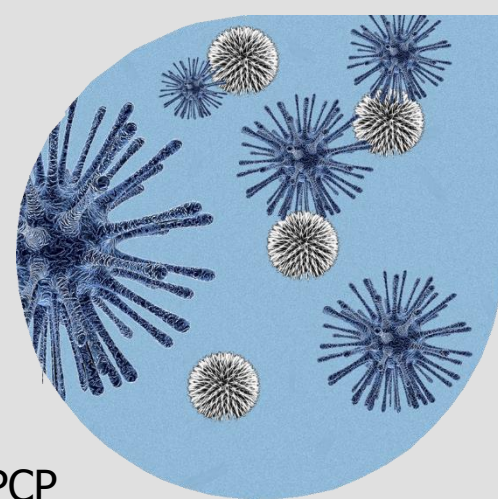
General issues

- Applicability to **different clinical settings** (i.e. outpatients)
- **Integration** with existing practices and systems – sharing of information with the **Electronic Health Records**





Expectations from the project



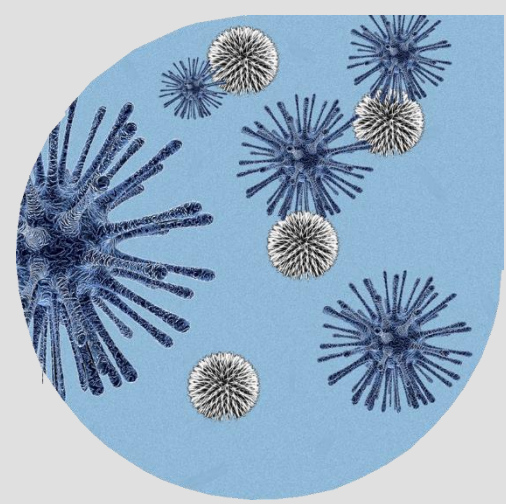
Content-specific

- **Engaging all stakeholders of the health system** in defining PCP requirements and testing the foreseen solutions
- Setting up PCP requirements open to an **high range** of **targets** and **innovative solutions**
- Implementing **time optimization** and risk management **strategies** in handling the PCP

General issue

- Adopting a **comprehensive assessment strategy** addressing the effects of the new technology; final aim should be to inform national/regional decision-making to support **value-based solutions and practices** for prevention, management and control of nosocomial infections





Thank you

- Emanuele Torri, MD – policy maker & accreditation commissioner, Autonomous Province of Trento
- emanuele.torri@apss.tn.it
- emanuele.torri@provincia.tn.it
- <http://www.antisuperbugs.eu>

