

I progetti europei di metrologia per l'industria nel 2018

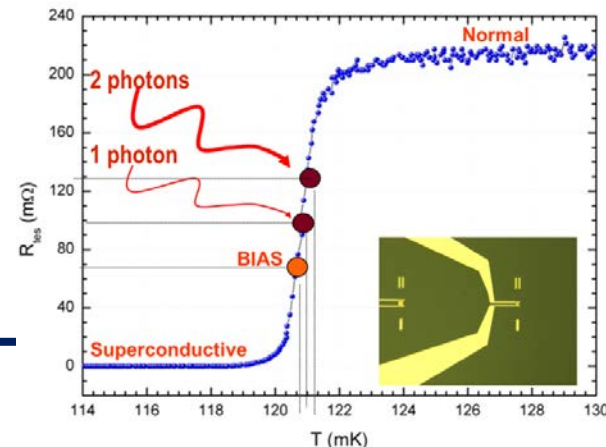
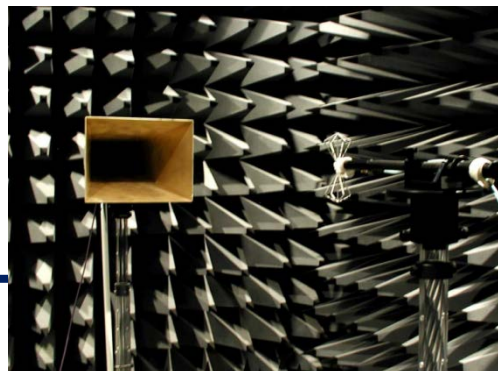
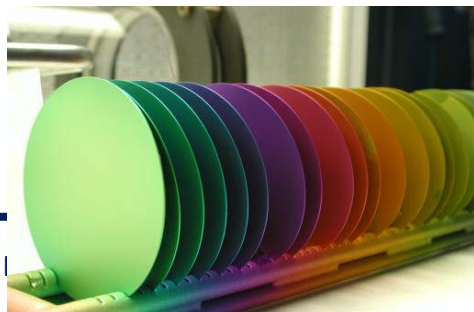
aka

*Smart *metrology* wishes from INRIM*

Vito Farnicola, INRIM
Torino, 18 Dicembre 2017



- Physics and nanoscience
- Metrology for energy, environment and industry
- Campus of 130,000 m² with 40 labs
- 210 staff and 80 temporary
- > €30m budget
- 50 (MS + PhD) theses
- >100 co-funded projects under H2020 and art. 185 (EMRP/EMPIR)
- > 400 CMCs → 2000 calibrations/yr



European Metrology
Programme for
Innovation and Research



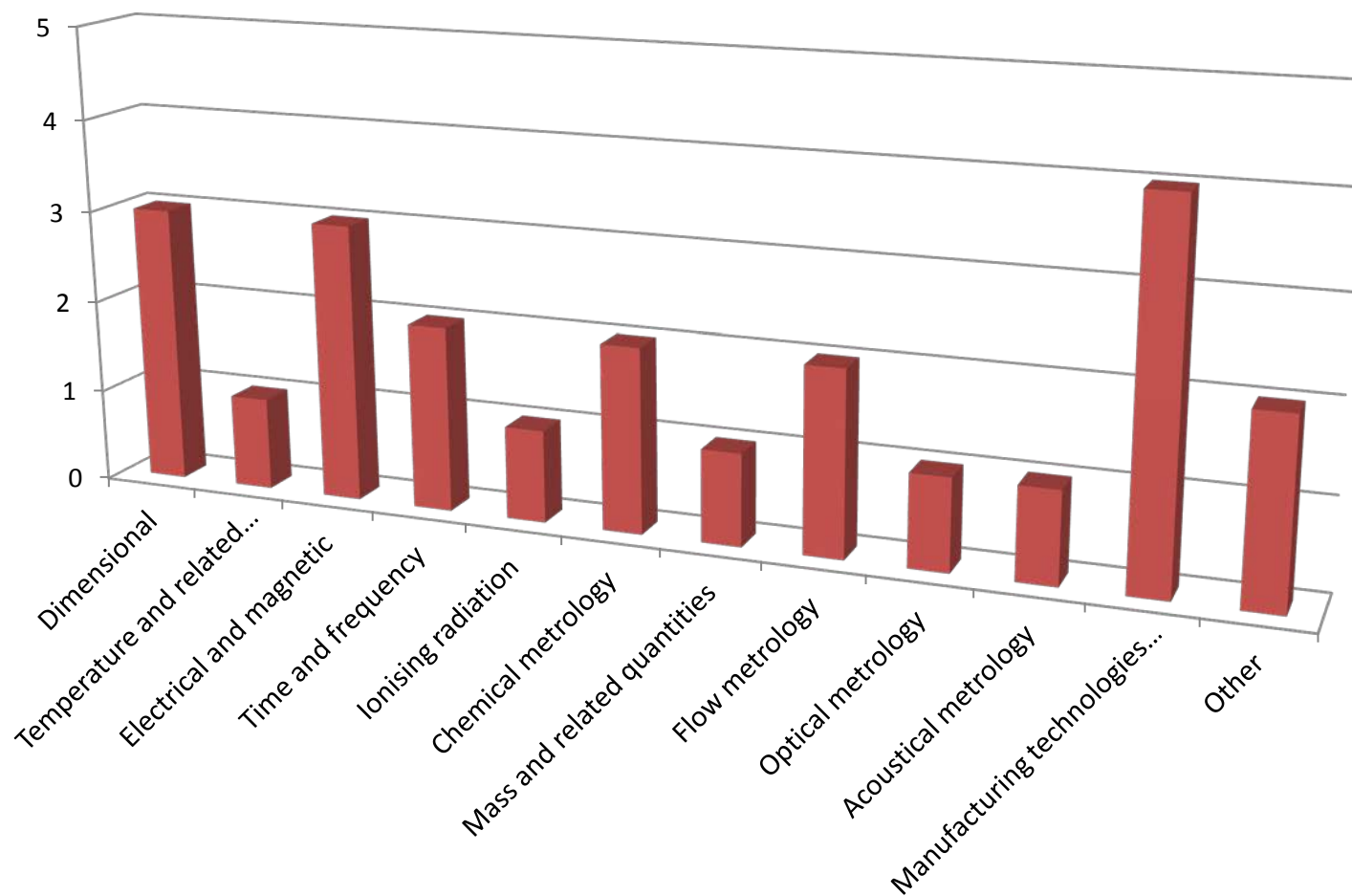
Industrial innovation

H2020/**EMPIR**, a joint European programme, **€ 600 million**

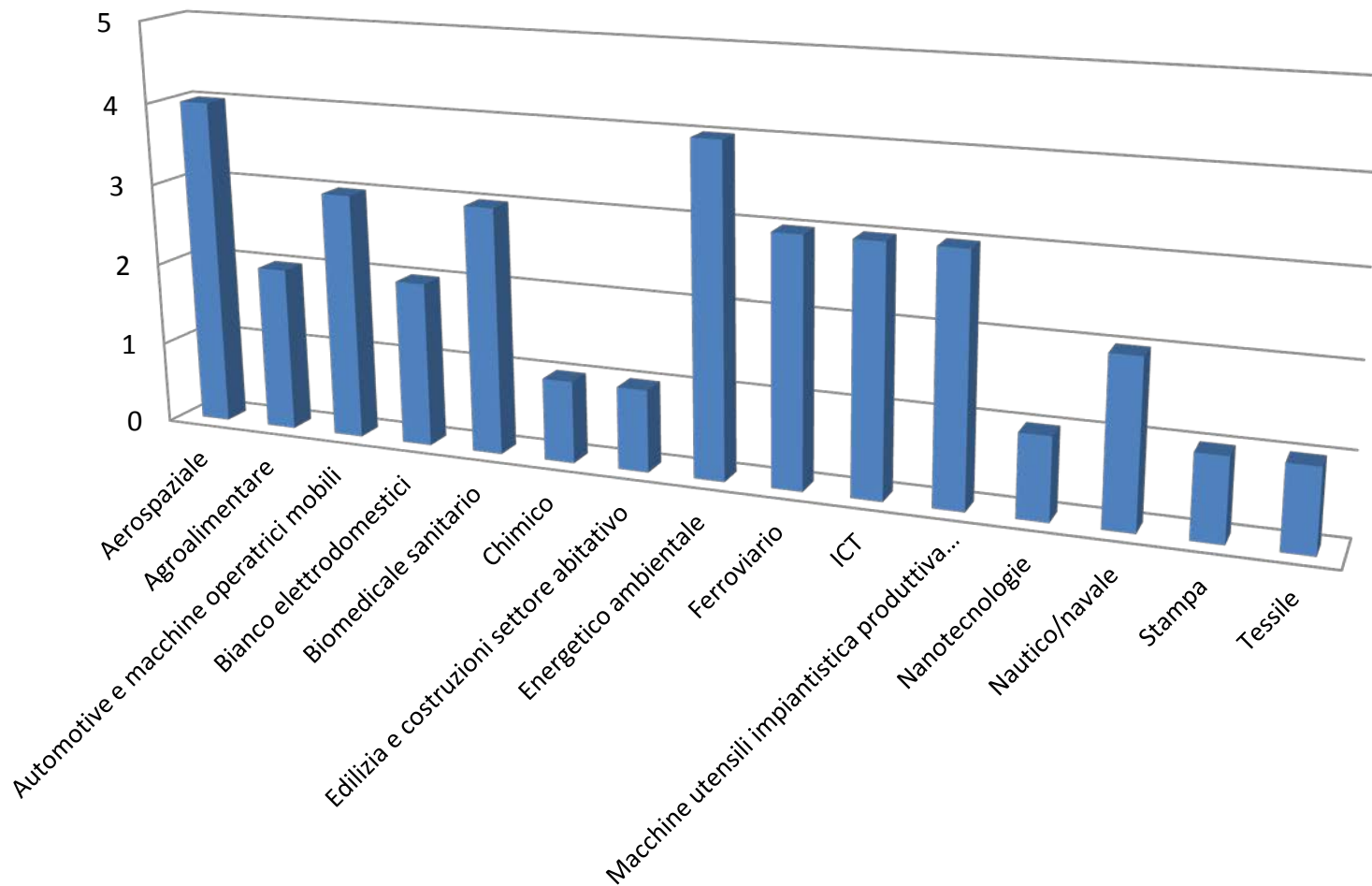
| Call 2017 | Metrology for Industry |
|--|--------------------------|
| Indicative budget (EU Contribution) | 23 M€ |
| Average EU Contribution per project | 1.5 M€ |
| Maximum EU Contribution per project | 1.8 M€ |
| Exp. maximum EU Contribution to the external funded partners | 30 % |
| Duration | up to 36 months |
| Call for PRTs (stage 1) | 01-02-2017 to 15-03-2017 |
| Call for JRPs (stage 2) | 26-06-2017 to 02-10-2017 |
| Announcement of selected projects | 04-12-2017 |



EMPIR Call 2017 - *Metrology for Industry*



evento mesap - Ottobre 2016



evento mesap - Ottobre 2016

- **122** pre-progetti presentati nello Stage 1 03/2017
 - di cui **28** con la partecipazione di imprese italiane
- **29** proposte selezionate e ammesse allo Stage 2: 06/2017
https://msu.euramet.org/current_calls/industry_2017/index.html#stage2
- **26 + 7** Joint Research Projects presentati 10/2017
 - di cui **7** con imprese nazionali
- **Review Conference**, Montecarlo 13/11/2017



- **19** progetti vincenti 😊 (aree Industria & Pre-normativa)
- **8** INRiM con 6 imprese nazionali, delle quali 5 piemontesi
- Tematiche
 - Fabbrica del futuro
 - Applicazioni su grandi volumi
 - Efficientamento dei processi termici
 - Sincronizzazione del tempo per l'industria
 - Incertezza di misura nei processi

I prossimi bandi EMPIR

EMPIR Call Process

Guide 2: Submitting a Potential Research Topic

Document: P-CLL-GUI-102

Approved: EMRP Programme Manager

Version: 1.3

2016-01-05



Guide 2: Submitting a Potential Research Topic

Apertura Fase 1 del bando: 12-01-2018

| Year | Call |
|------|----------------------------|
| 2014 | Industry JRPs |
| | Research Potential JRPs |
| | Support for Impact |
| 2015 | Health JRPs |
| | SI Broader Scope (SI) JRPs |
| | Pre-normative JRPs |
| | Research Potential JRPs |
| | SIPs |
| 2016 | Environment (ENV) JRPs |
| | Energy (ENG) JRPs |
| | Pre-normative JRPs |
| | Research potential JRPs |
| | SIPs |
| 2017 | Fundamental JRPs |
| | Industry JRPs |
| | Pre-normative JRPs |
| | Research Potential JRPs |
| | SIPs |
| 2018 | SI JRPs |
| | Health JRPs |
| | Pre-normative JRPs |
| | SIPs |
| 2019 | ENV JRPs |
| | ENG JRPs |
| | Pre-normative JRPs |
| | SIPs |
| 2020 | Industry JRPs |
| | Fundamental JRPs |