



# Quality management in the Brazilian Collection of Environmental and Industrial Microorganisms - CBMAI

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# History – Quality System

2005

2006

2007

2008

2009



**Beginning of ABNT  
NBR ISO 17025:2005  
implementation in  
CPQBA**

**Policies  
Procedures  
109 SOPs  
Internal Audit**

**Policies  
Procedures  
77 SOPs  
Internal Audit**

**Quality review  
(documentation)**

**Policies  
Procedures  
19 SOPs  
Internal Audit**

**Beginning of OECD  
BPG for BRCs  
Implementation in  
CBMAI**

**Policies  
Procedures  
33 SOPs  
Internal Audit**

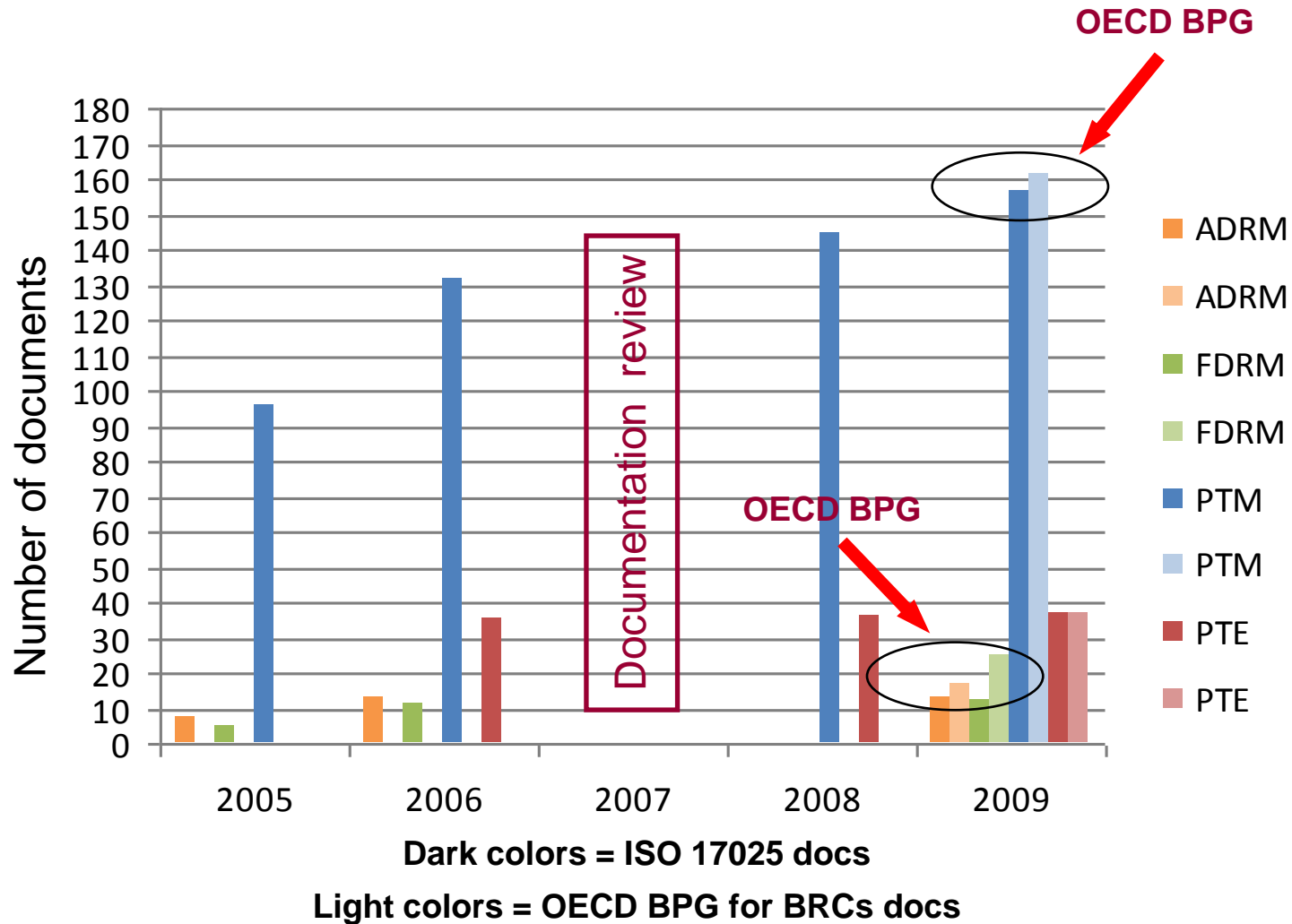


# Main challenges of implementing OECD BPG compared to ISO 17025

Integrating policies and procedures for CBMAI:

- Biological material
  - Back up and/or safety duplicate collection
  - Exchanging material through BRCs
    - national laws and regulations
  
- Biosafety and Biosecurity
  - Procedures and records documentation
  - Improvement of the facilities
  - Risk assessment of biological material

# Documents: ISO 17025:2005 X OECD BPG



**ISO 17025 and OECD BPG are complementary**



# Impacts in implementing OECD BPG

- Positive
  - Traceability of biological material
  - Biosecurity and biosafety
  - Data management system
  
- Negative
  - Time consuming
  - Costs



## Recommendations: OECD BPG implementation

- Institutional support (political, financial and human resources)
- Implementation of both standards (ISO e OECD BPG)
- Consultancy



## Expected outcomes

- Traceability and Reliability of biological material
- R&D within a reliable and safe laboratorial basis
- Increase of the CBMAI projection abroad

# Thanks!

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Support:

