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**BSI Hong Kong Symposium 2014  
The Day After Eurocodes**

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BSI, a Royal Charter  
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Institution of Civil Engineers



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# Supporting Organizations



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The Hong Kong Institute of Architects



BEAM Society Limited



The Macao Institution of Electrical and Mechanical Engineers (MIEME)

( Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau ( AEEMM))

# BSI and Eurocodes – a 30 years journey

Emmanuel Herve  
Vice President, Standards & Professional Service  
Managing Director, BSI Hong Kong

# Who is BSI?



BSI, a Royal Charter  
Company

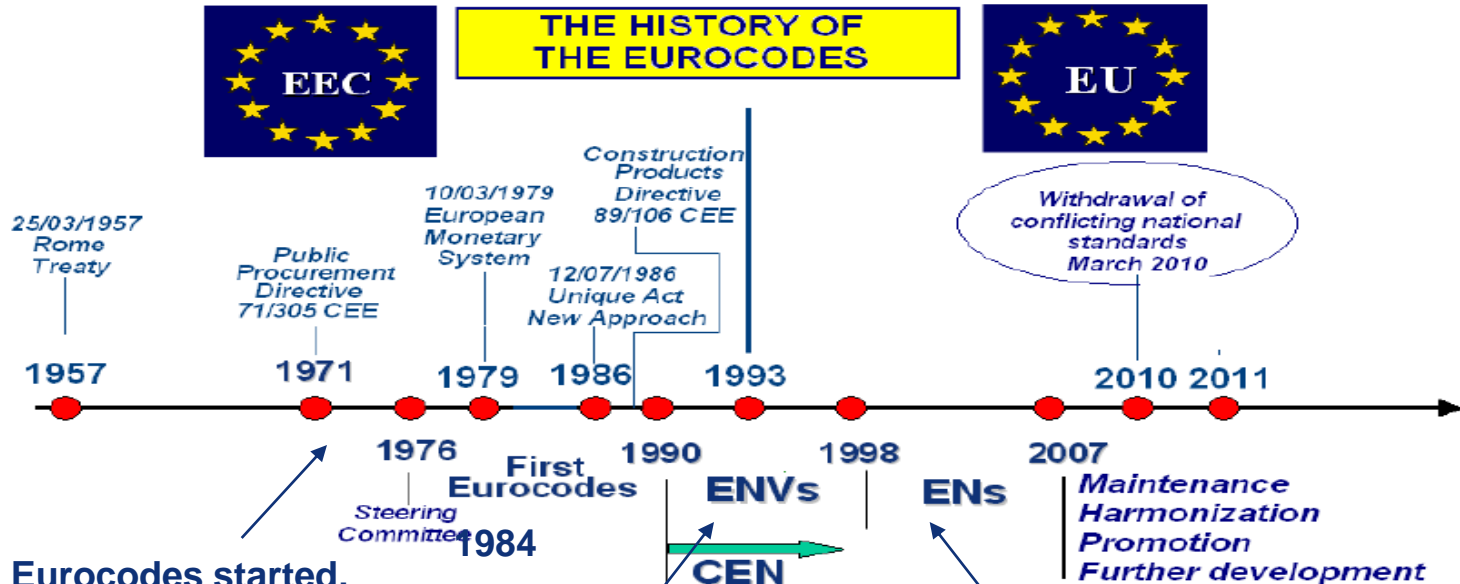
- **Leading Global Standards Creation Body:** British, European, ISO, Public, Private
- **The UK National Standards Body:** The source of **British Standards**
- **Specialist Focus** on Standards Creation, Training and Certification
- **Global Network:** **68,000** clients in **150** countries worldwide including governments, global brands and SME's
- **Experienced:** The **world's first National Standards Body** established in 1901 and a **founding member of ISO**
- **Thought Leaders:** Shaped the world's most adopted standards, incl. **ISO 9001, ISO 14001, OHSAS 18001**
- **Trusted:** We're a Royal Charter Company, reinvesting profits back into our business to improve our **clients' experience**

# What are Eurocodes?



- 109 harmonised European standards
- “Eurocodes are the biggest single change in construction standards ever”
- Now being used by civil & structural engineers in Europe and around the world
- A new approach to engineering practice
- Became current British Standards on 01/04/2010

# History of the Eurocodes



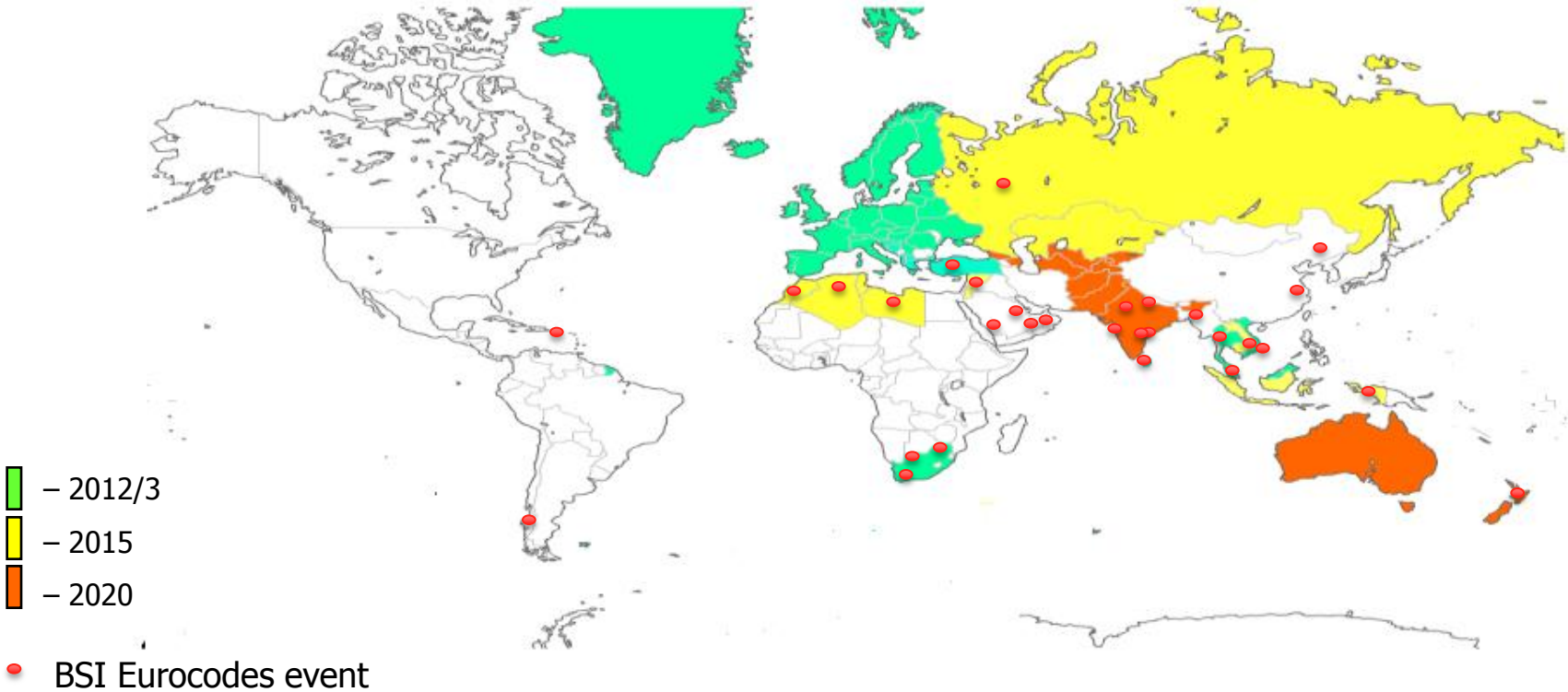
1975 Eurocodes started, based on Article 95 of the Treaty of Rome - Objective was the elimination of technical obstacles to trade and the harmonisation of technical specifications

ENV = European pre-Standard

EN = European Standard



# Forecast of global acceptance of Eurocodes



# UK Projects Designed to Eurocodes

**London Tideway  
Improvements**



*Creating a cleaner, healthier River Thames*



Redhayes Bridge – Devon County Council

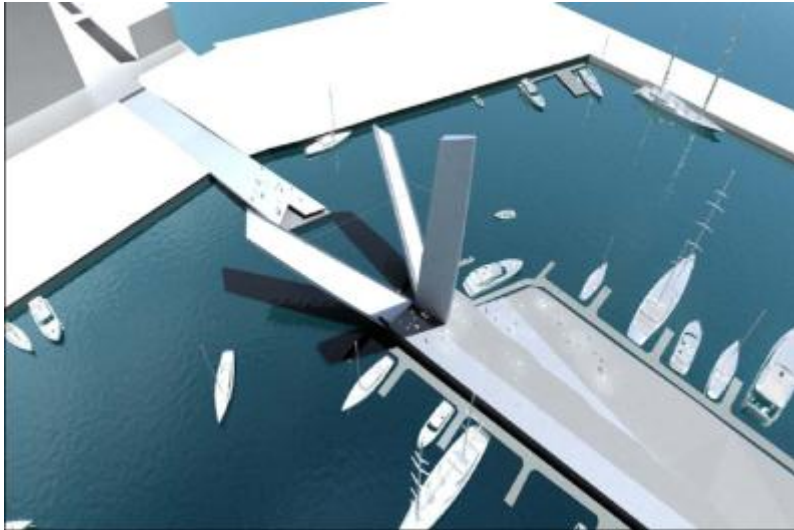


Walton Bridge – Surrey County Council

Department for  
**Transport**



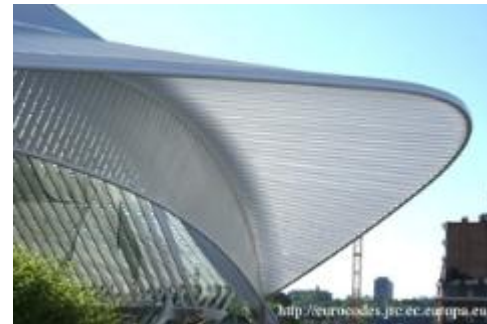
# Global projects designed to Eurocodes



Te Wero Bridge – Auckland City Council (client),



High speed railway bridge over the Po river



Roof of the Liege Railway Station Roof

ENJOY!