



# EOTA-Route

With 60 approved EADs and a record 44 mentioned in the European Official Journal, 2020 was a successful year for EOTA.

What is their method?

November 18th, 2021



# Content

- **EOTA – Who we are**
- EAD and ETA process
- EOTA statistics
- Improvement of Quality Control of EADs
- Future challenges



# EOTA's history

**1990**

Foundation of **EOTA** (European Organisation for Technical Approvals) under the Construction Products Directive (89/106/EEC) – **CPD**

**2013**

**CPR** fully enters into force  
**EOTA** is renamed European Organisation for Technical Assessment

**2021**

**EOTA** represents **46 Technical Assessment Bodies (TABs)** designated by European Member States (EEA, Turkey and Switzerland)

Observers from **LU, NL, UK, US**



# EOTA bodies

**GENERAL ASSEMBLY  
(GA)**

**President**

**Executive Board (ExBo)**

**Secretariat**

**Communication (CWG)**

**Technical Board (TB)**

**Financial WG (FWG)**

**TECHNICAL ASSESSMENT BODIES (TABS)**





## Vision

- Promote trust and transparency in the European construction product market



## Mission

- Create consistent technical specifications for the European construction industry while facilitating product innovation and improvement



## Values

- Expertise: EOTA provides knowledge and sound technical judgement to construction industry stakeholders
- Co-operation: EOTA enhances collaboration and sharing of best practises among technical partners
- Impartiality: Objectivity is at the core of EOTA's activities
- Confidentiality: EOTA manages the information you provide with the greatest care

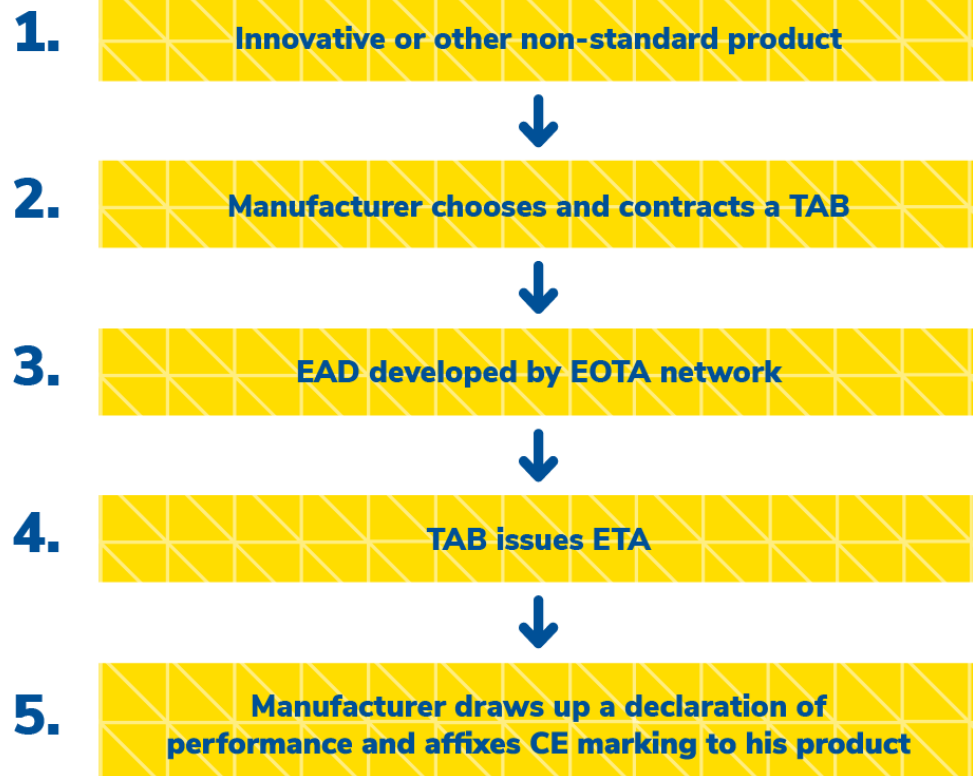
# EOTA tasks under the CPR

Art. 31(4) of the CPR regarding EOTA:

- **Coordination** of TABs and stakeholders;
- Ensure sharing of **best practices**;
- **Procedures** and support for the development of European Assessment Documents (EADs);
- Develop and **adopt** EADs;
- Inform about EADs and suggest improvements based on **experience gained**;
- **Inform EC / MS** about a TAB not fulfilling its tasks;
- Ensure public **availability** of EADs and ETAs.



# Steps needed to affix the CE marking to innovative products



Source: EOTA



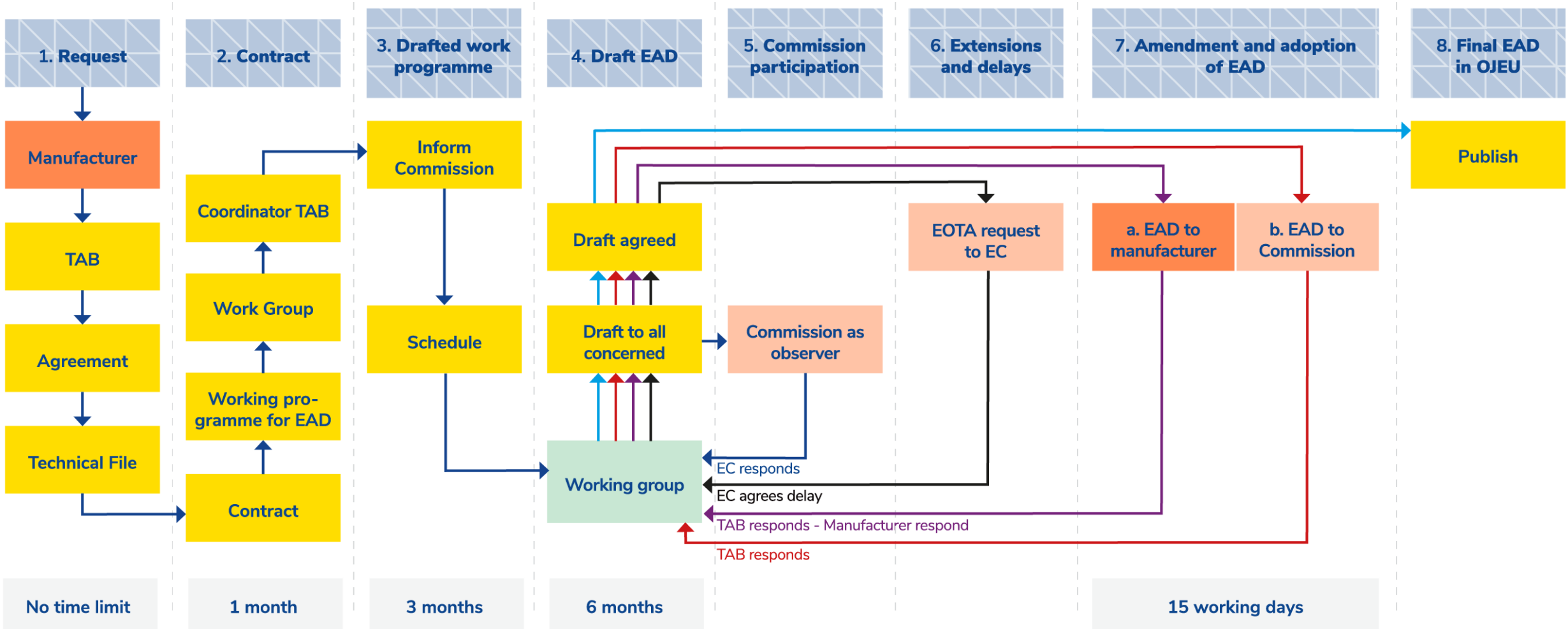
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# Procedure for developing and adopting an EAD



# EAD benefits

EADs provide several advantages for innovation:

- Developed in parallel and directly linked to the specific construction product (**tailor-made**);
- Manufacturer has great **influence** on the final EAD;
- **Confidentiality** during the EAD development, collaboration with professional associations possible;
- Development of the EAD in an expert **Working Group** for the specific construction specialty field



(26 PACs – Product Area Codes)

# EAD benefits

- There is **no** need for a **mandate** of the European Commission;
- Defined **deadlines** for EAD adoption;
- Development of EADs and issuance of ETAs is voluntary;
- The manufacturer does **not** have to bear any **costs** related to the EAD development;
- **Coherence** between EADs and hEN (EADs include harmonised test methods at a European level).



# EADs free of charge on our website

(O I E I I)



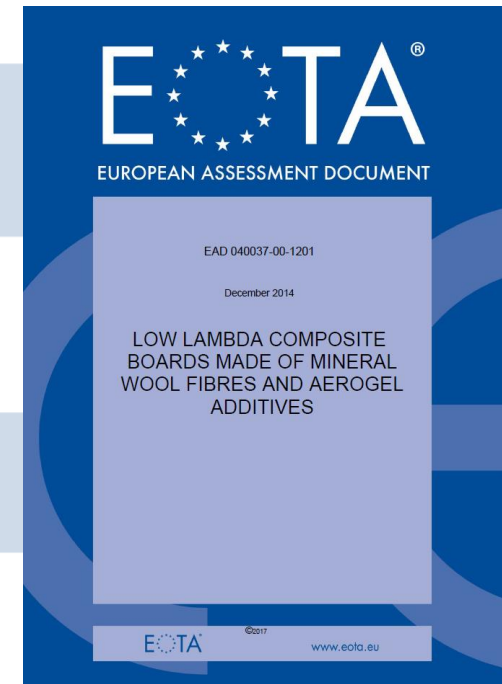
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EAD Number	EAD Title	OJEU	Status	Comment
010001-00-0301	Precast concrete composite wall with point connectors <a href="#">Download</a>	2016/C 248/06	Cited	
010003-00-0301	Precast balcony elements made of Ultra High Performance Fibre Reinforced Concrete (UHPRFC) <a href="#">Download</a>	2018/C 019/04	Cited	
010013-00-0301	Lightweight panel made of mortar of cement and granulated EPS reinforced by a glass fibre mesh and an internal steel railing <a href="#">Download</a>	2018/C 019/04	Cited	
010028-00-0103	Shallow and reusable foundation kit for lightweight structures <a href="#">Download</a>	2018/C 228/03	Cited	
020001-00-0405	Multi-axis concealed hinge assemblies <a href="#">Download</a>	2016/C 054/14	Superseded by 020001- 01-0405	



**ETA request by a manufacturer**

**TAB checks if product is covered by a harmonised technical specification**

**Covered by a hEN**



**No ETA can be issued**

**Covered by an EAD**

**Manufacturer's technical file**

**Drafting an ETA**



**ETA can be issued**

**Not or not fully covered by any harmonized technical specification**

**Manufacturer's technical file**

**EAD development**

**Drafting an ETA**



**ETA can be issued**

# ETA benefits

- ETAs provide a **voluntary** route to CE marking for:
  - **innovative** products (e.g. more sustainable, performative, durable or smart products),
  - niche products,
  - products that are not (fully) covered by hENs;
- Only route available for **non-standard products**, makes the market **complete**; important tool to promote **free circulation** of construction products;
- ETA (and DoP based on ETA) makes essential characteristics and performances (which can be above-standard) visible and comparable across Europe;
- **AVCP** similar to hEN guaranteeing that performances declared are reached;
- The assessment process supports the optimization of construction products;
- ETA improves **adds value for manufacturers**



# ETA benefits

## WHAT MANUFACTURERS SAY

**69%**

ETA improves  
reputation

**79%**

ETA increases  
market share

**79%**

ETA increases  
sales levels

**87%**

ETA is a recognised  
brand



# Valid ETAs are listed on the EOTA website



[Home](#) › [ETAs](#) › [ETA database](#)

## ETA database

This database contains currently valid ETAs issued by all Technical Assessment Bodies across Europe. Newly issued ETAs may not yet be displayed.

ETA Number (as nn/nnnn) <input type="text"/>	<input type="text"/>
ETA Number (as nn/nnnn) <input type="text"/>	<input type="text"/>
ETA Number (as nn/nnnn) <input type="text"/>	<input type="text"/>



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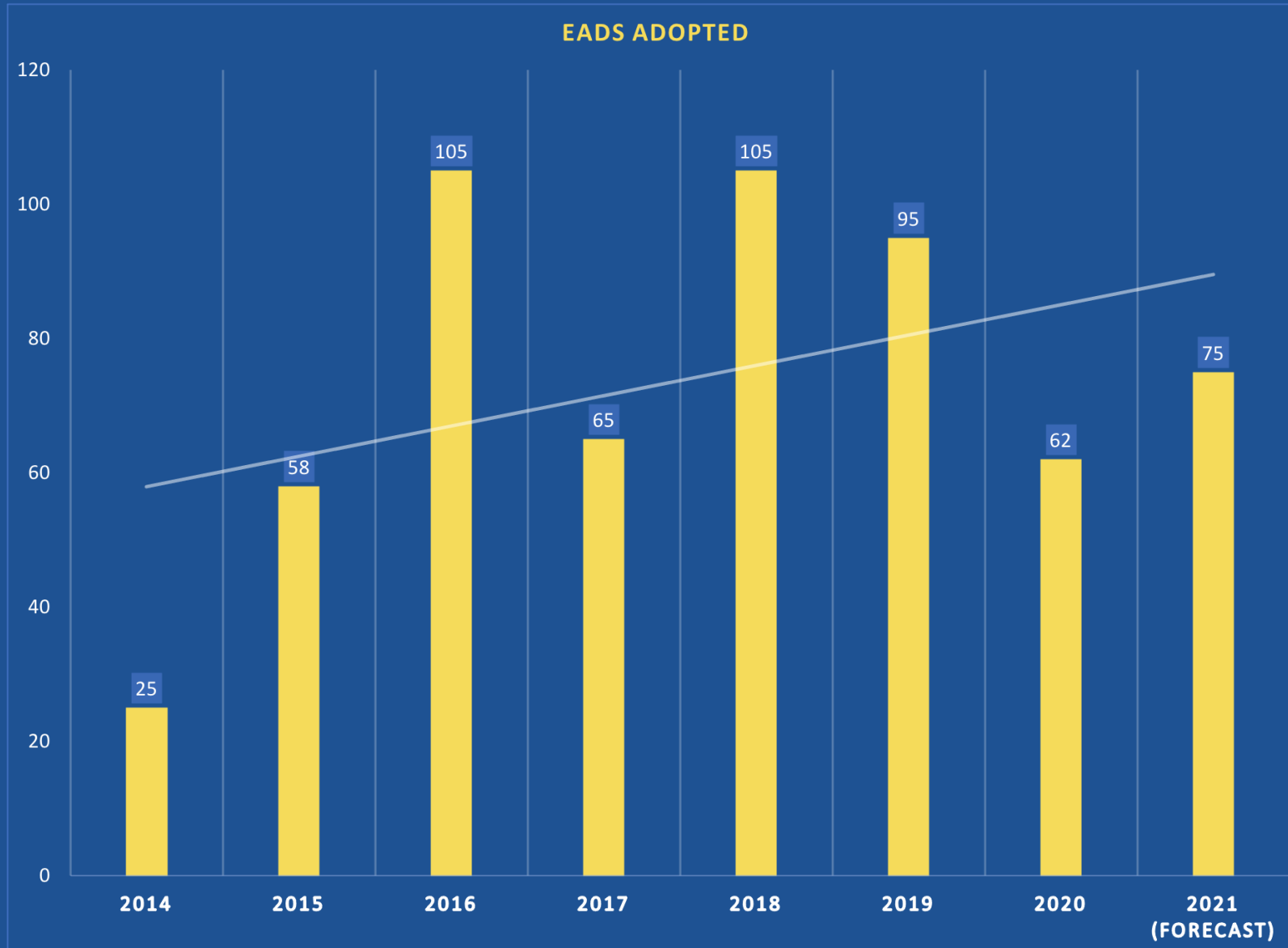


# Achievements 2013 - 2021

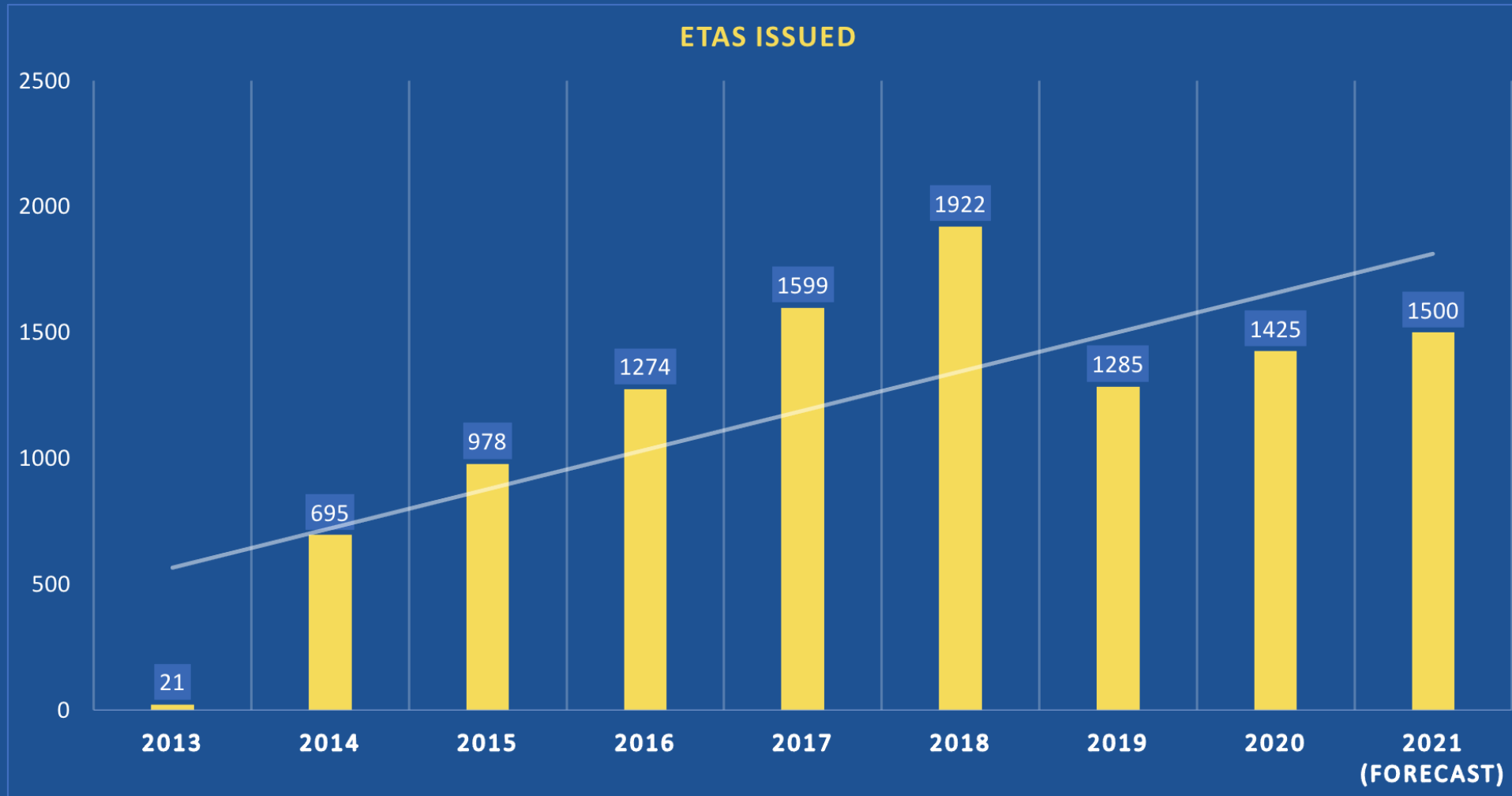
- **307** EADs **published** in the OJEU
- **551** EADs **adopted** and valid to issue ETAs
- **305** EADs in development
- More than **60** EOTA TR (Technical Reports) published
- **10.050** ETAs issued by Technical Assessment Bodies (TABs)



# Statistics of EADs in EOTA



# Statistics of ETAs in EOTA



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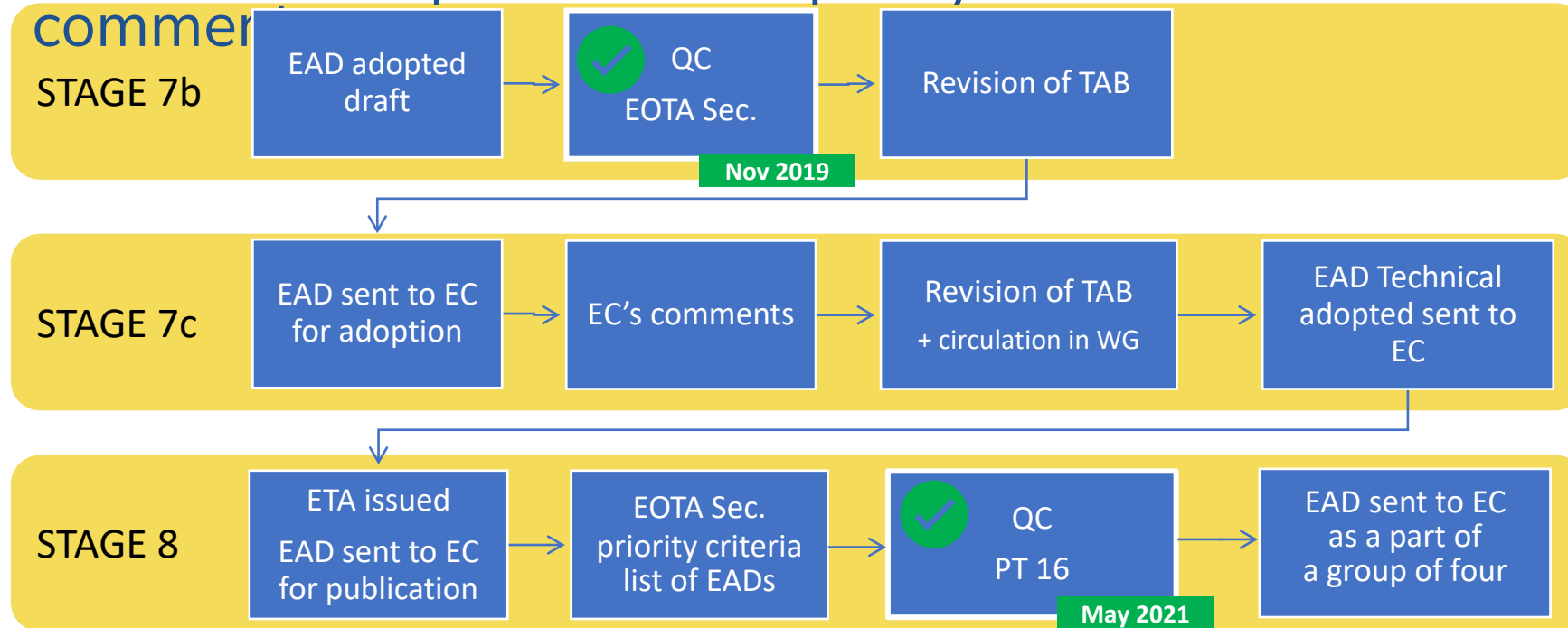
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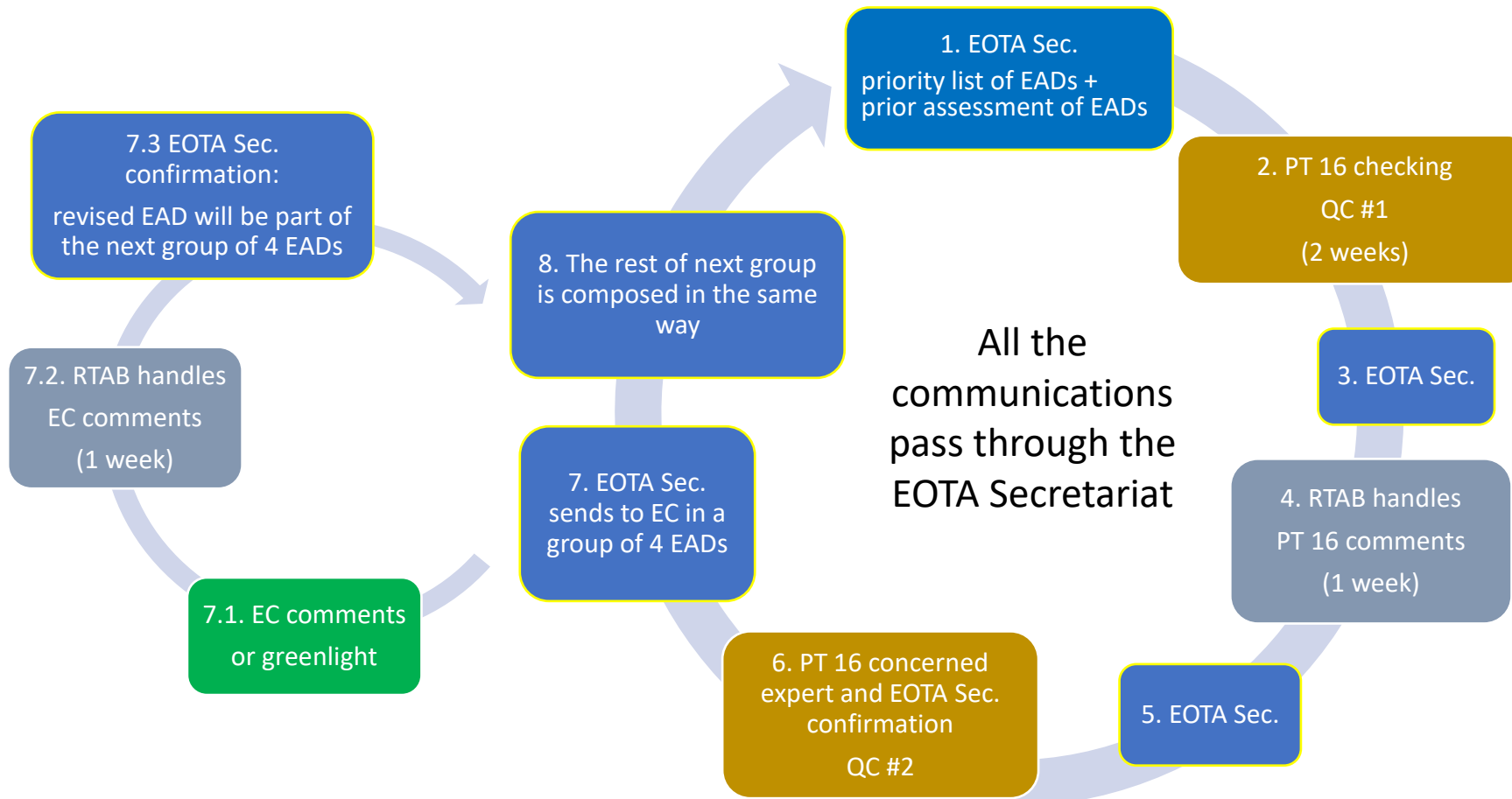
# Quality Control of EADs

Quality Control of EADs is made at stage 7b and at stage 8.

It aims to improve EAD quality and to reduce EC's commercial

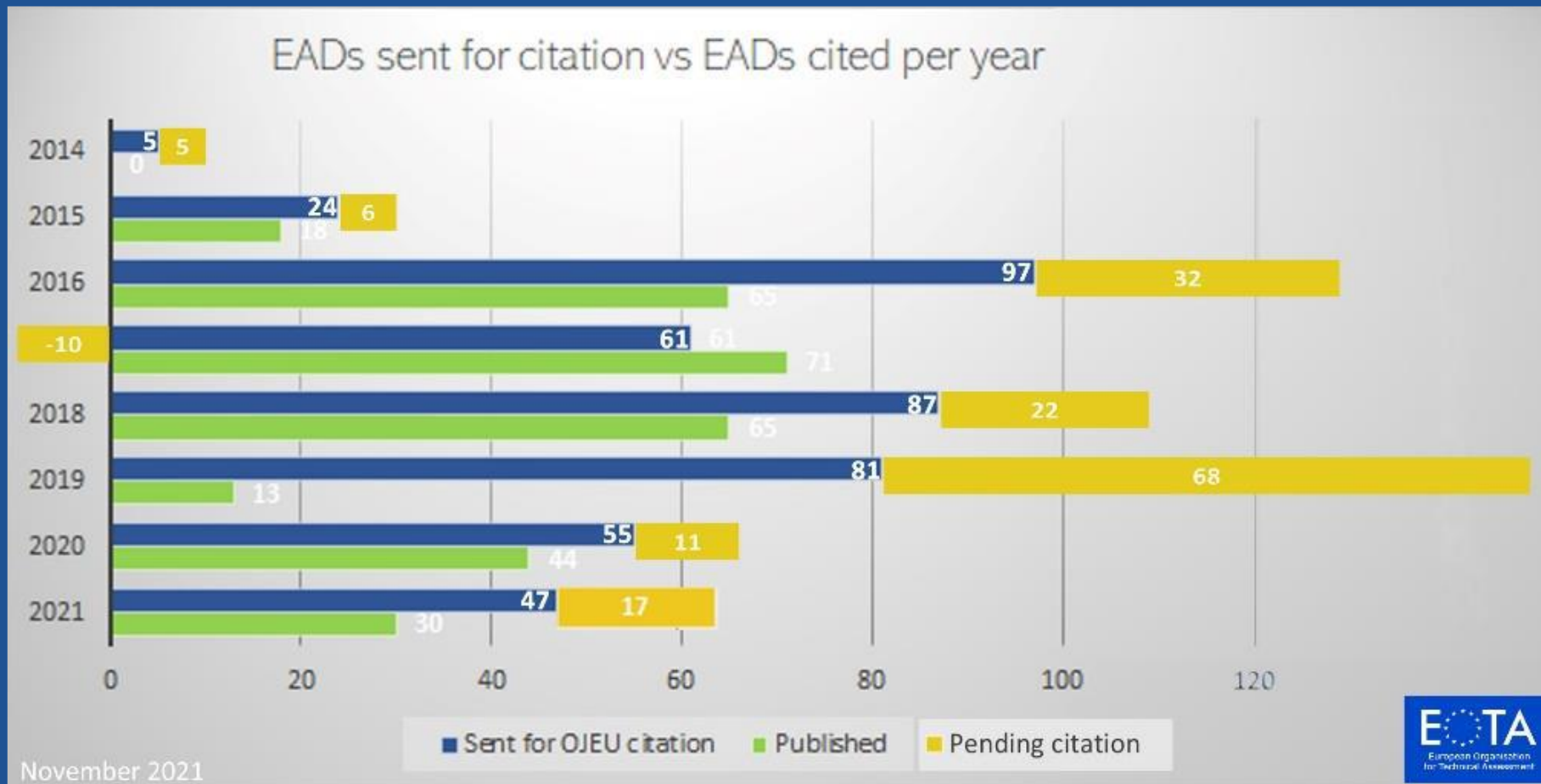


# QC of EADs: PT 16 activity



# QC of EADs: results

Results of the efforts made to obtain OJEU citation can be appreciated as the gap between EADs sent for citation per year and EADs cited decreased in the last years





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# EOTA white paper on the CPR review

- **Speed and reliability of EAD delivery**
  - Clear timelines and clear attribution of responsibilities in the citation stage
  - More resources at the EC level
  - Ensuring availability of notified bodies for new ETAs
  - Legal demands placed on harmonised technical specifications pending citation
- **Consistency of the common technical language**
  - Provide for horizontal assessment methods
  - Make confidentiality an optional feature
  - Avoid duplicating information and declaration duties
- **Construction works' safety**
  - Make it easier to include technical minima and recommendations on correct use in EADs and ETAs
  - Start with a technically reasonable set of assessment criteria





# Thank you

Sebastian Wall

President

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