

# Updating the ECCE book

## “Civil Engineering Profession in Europe”

A review of the profession in Europe today from education to professional practice

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**Platonas Stylianou**

**ECCE Vice President \ President elected**

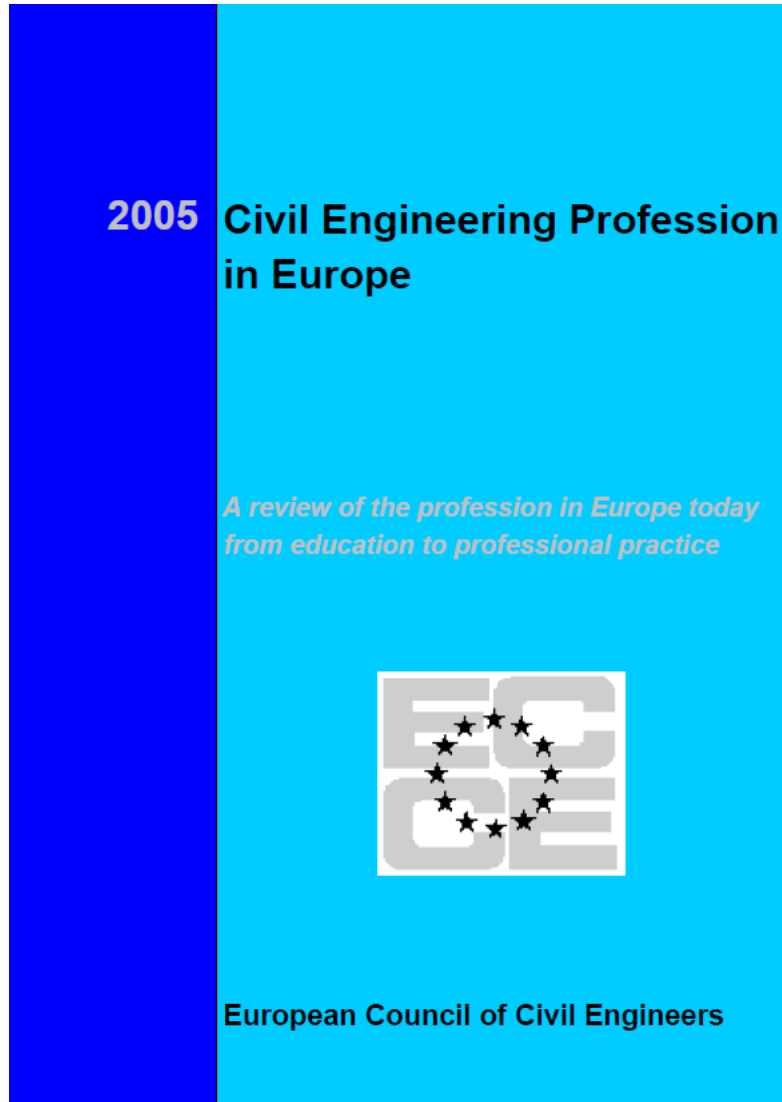
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**78th ECCE General Meeting**

**Riga, Latvia, 24 May 2024**

## Civil Engineering Profession in Europe (2005)

A review of the profession in Europe today from education to professional practice



- First edition in the early 1990s
- Second edition in 1998
- Third edition in 2005
- Fourth edition in 2025?**
- Regular online Update afterwards??**

## Scope of the project

- Exchange of data and Enrichment of Knowledge between members.
- Regular update and review of the data (especially in Europe) regarding our Profession, in all aspects of Engineering.
- Record the data per country in a common platform accessible to all.
- Record the various activities per country in order to be beneficial for the Society and the Profession and Create Communication Channels.
- Share data and raise Awareness in various aspects of the profession.
- Protect and upgrade the Profession of Civil Engineer.

# Civil Engineering Profession in Europe (2025)

## Proposal for review and update of the book and creation of an e-book.

- ❑ Working Group members:
  - Platonas Stylianou – WG Co-Ordinator
  - Andreas Brandner
  - Jeanette Muñoz Abela
  - Maria Karanasiou
- ❑ Chapter review, re-organization and introduction of new chapters
- ❑ Data collection
- ❑ Creation of the Deliverables format
- ❑ Consultation and special meeting with the curators of the 2005 edition:
  - Yrjö Matikainen (President in 2005)
  - Carsten Ahrens (Vice President in 2005)
- ❑ Various virtual and in person meetings and discussion of the working group.
- ❑ Review of the data received... **by the group of volunteers?**

## **5. Contracts (P.S.)**

- 5.1. Type of contracts
- 5.2. Particular types of contracts used (private – semipublic)
- 5.3. Construction Law / Building Regulation
- 5.4. ADR (Alternative Dispute Resolution / Arbitration, Adjudication, Mediations, Conciliation etc)
- 5.5. Criteria for tendering
- 5.6. Electronic tendering

## **6. Fee Scales, Salaries and Taxation (J.A.)**

- 6.1. Professional Fees and Fee Structure
- 6.2. Government Approval and Oversight
- 6.3. Tendering and Pricing Rules
- 6.4. Taxation and Average Salary of Civil Engineers
- 6.5. VAT (Value Added Tax)
- 6.6. International Tax Considerations
- 6.7. Salary Trends and Adjustments
- 6.8. Government Support or Incentives

## 7. Insurances and Professional Liability (M.K.)

- 7.1. Mandatory Insurances for Civil Engineers – Professional Indemnity Insurance (PII) and Public Liability Insurance (PLI)
- 7.2. Liability insurance for companies

## UP COMING CHAPTERS

### 8. Civil Engineering Practice

- 8.1. In which sectors do Civil Engineers work?
- 8.2. Government\Semi Government\Private sector.
- 8.3. Other sector;
- 8.4. Figures to indicate percentage in employment of civil engineers in various sectors.

## 9. Promotion of the Profession / Changing Working Practices

- 9.1. Eurocodes
- 9.2. Environmental Impact Assessments
- 9.3. Use of new or Innovative Technology (such as AI, GIS, BIM, etc.)
- 9.4. Health & Safety
- 9.5. Green Policy / Resilience and Sustainability
- 9.6. Climate Change / De-carbonization



- **Any Difficulties preparing the answers?**
  - **Feedback from Countries??**
  - **Please help us to improve!**

## Data collection and methodology

- ❑ Each country to appoint a representative/coordinator to coordinate the data collection (done).
- ❑ Creation of specific guidelines for the type, length, and quality of data to be collected (done).
- ❑ Online questionnaires for each chapter / section (almost done).

## Country Representatives

A/A	Country	Name	Organization	Position in the organization
1	Austria	Andreas Brandner*	Federal Chamber of Architects and Chartered Engineering Consultants	
2	Cyprus	Kyriacos Tsiouparis*	Cyprus Association of Civil Engineers	President of CYACE
	Cyprus	Erato Koukotsika*	Cyprus Association of Civil Engineers	Civil Engineer / Office Administrator
3	Czech Republic	Karel Kabele	Czech Chamber of Chartered Engineers and Technicians	1st vice chairman
4	Estonia	Andres Piirsalu*	Estonian Association of Civil Engineers	President
5	Greece	Paris Charlaftis	Association of Civil Engineers of Greece	ExBo member
6	Hungary	Gabor Szollossy*	Hungarian Chamber of Engineers	vice president
7	Ireland	Murt Coleman	Civil Division, Engineers Ireland	Committee Member
8	Latvia	Raimonds Eizensmits*	Latvian Association of Civil Engineers (LACE)	Chairman of the board
9	Lithuania	Žymantas Rudžionis*	Lithuanian Association of Civil Engineers	President
10	Malta	Thomas Fenech*	Kamra Tal-Periti (KTP)	Member of Permanent Committee on Engineering, KTP
11	Montenegro	Olga Radulovic*	Chamber of Engineers of Montenegro	President of the professional Chamber of Civil Engineer
12	Poland	Andrzej Pawlowski*	Polish Chamber of Civil Engineers	Chairman of the Foreign Cooperation Committee
13	Portugal	Humberto Varum	Ordem dos Engenheiros	President of Civil Engineering Speciality
14	Slovakia	Ľuboš Moravčík	Slovak Chamber of Civil Engineers	Member of Chamber management
15	Slovenia	Dejan Prebil	Slovenian Chamber of Engineers	System law and engineering consultant
16	Turkey	Ceylan Özkul	Turkish Chamber of Civil Engineers (TCCE)	Assistant of General Secretary
17	Ukraine	Ivan Nazarenko*	Kyiv National University of Construction and Architecture	Head of Department, professor
18	United Kingdom	Katie Momber	Institution of Civil Engineers (ICE)	Climate Community Manager

## Format / Deliverables

- ❑ Online database (according to European regulation) to allow easy access to the information, easy storage and comparison between countries, and easy to use for regular update of the data provided.
- ❑ Creation of a digital / editable book by 2025, to be disseminated to all Countries (with provision for limited number of printouts).

## Action Plan

Description	Assigned to	Status / Deadline
Template for the introductory page (Chapter 1)	MK	Completed
Survey for Chapter 2	AB	Completed
Survey for Chapter 3	JMA	Completed
Survey for Chapter 4	PS	Completed
Survey for Chapter 5	MK	Completed
Survey for Chapter 6	PS	Completed
Survey for Chapter 7	JMA	Completed
Survey for Chapter 8	MK	TBD
Survey for Chapter 9	PS	TBD
Review and evaluation of the data	.....	TBD
List of country representatives and volunteers for the WG	MK	Completed
Draft letter to the ECCE member organizations introducing the initiative (to be sent with the inquiry for the first chapter)	MK and AB	Done
Draft letter to a list of organizations which are not ECCE members yet	MK	Done
Draft letter to the non-ECCE organizations introducing the initiative	MK and AB	Done

## Timeline of the project

- ❑ Appointment of countries representatives/coordinators by **September 2023 (done)**.
- ❑ Launching of the online surveys by early **November 2023** (first lot – four Chapters). **DONE**
- ❑ Data collection by the end of **December 2023 – January 2024** (first lot). **DONE**
- ❑ Launching of the online surveys by **March 2024** (second lot – three disseminate). **DONE IN APRIL 2024**
- ❑ Data collection by the end of May – **July 2024** (second lot).
- ❑ Launching of the online surveys by **September 2024** (third lot – two chapters).
- ❑ Collection and evaluation of all data, by the end of **December 2024 – early 2025**
- ❑ Finalisation of the database and e-book by the **second quarter of 2025;**

## Responses received

Country	C1	C2	C3	C4	C5	C6	C7
Austria	Yes		Yes	Yes			
Bulgaria	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Croatia	Yes						
Cyprus	Yes	Yes	Yes	Yes			
Czech Republic	Yes						
Estonia	Yes			Yes			
Georgia	Yes				Yes	Yes	Yes
Greece							
Hungary	Yes		Yes				
Ireland							
Latvia	Yes	Yes	Yes	Yes			
Lithuania							
Malta							
Montenegro	Yes	Yes	Yes	Yes	Yes	Yes	
North Macedonia	Yes	Yes	Yes	Yes			
Poland	Yes	Yes		Yes			
Portugal	Yes	Yes	Yes				
Serbia							
Slovakia	Yes	Yes	Yes	Yes			
Slovenia	Yes	Yes	Yes	Yes			
Turkey							
Ukraine	Yes						
United Kingdom	Yes	Yes	Yes	Yes			
<b>Non-ECCE Full Members</b>							
<i>Romania</i>	Yes	Yes	Yes	Yes			

**Your active participation and collaboration are very crucial to the success of this project, and we have confidence that, together, we can make this initiative a success.**

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**We warmly welcome your feedback, thoughts, and proposals to contribute to the fruitful development of this project.**

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**Please help us on this special project**

**Thank you for your attention.**