

“Notes on Civil Engineering History”

*....How the project was born, How it all started
Short Presentation....*

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68th ECCE General Meeting
22-24 October 2018, London, United Kingdom

Discussion in Naples, Italy, 61st ECCE General Meeting
28 - 29 May 2015.



First Ideas!! ... A new project was born ...

The cover page of the booklet ...Notes on the history of Civil Engineers... by Aris Chazidakis (Greek Version).



The Proposal for the creation of an ECCE book started further to the approval of my verbal suggestion, during the 66th ECCE General Meeting in Vienna 04 -06 of October 2017. Where an open discussion for the need for new ECCE Position Papers was held.

The idea was that the creation of a small booklet will be a very useful item for both young and senior colleagues in order to record our history and that it will be part of the "2018 European Year of Civil Engineer" (2018 EYCE) celebrations.

Proposal for creation of an ECCE Book

1. Title:

"THE HISTORY AND THE ROLE OF CIVIL ENGINEERS THROUGH THE CENTURIES"

2. Description of project:

Creation and publishing of a small book (size A4 or A5, 100 to 125 pages) about the heritage and the history of the Civil Engineer.

3. Scope:

To search and write the role and achievements of the Civil Engineers the last centuries (mainly from the medieval times until today).

To show why Civil Engineering plays an important role in the society. To record the history and the role of our profession, so that the young engineers can have something to study and get general knowledge about who we are and where we come from.

To be officially announced by ECCE in 2018 in London and be part of the "2018 European Year of Civil Engineering" (2018 EYCE) celebration.

4. The working team:

Although contribution of all countries members of ECCE may be needed, the Basic Team will be:

- a) Mr. Aris Chatzidakis (Coordinator of the working team) - Greece
- b) Mr. Gorazd Humar - Slovenia
- c) Mr. Platonas Stylianou - Cyprus
- d) Mr. Paul Coughlan – United Kingdom
- e) Mr. Jean – Louis Durville - France
- f) Mr. Jose Francisco Saez Rubio – Spain
- g) Prof. Enzo Siviero – CNI – Italy
- h) Mr. Andrea Brandner- Austria

5. Expected Benefit:

Contribution to the better recognition of the Civil Engineering Profession.

Recording of our history and achievements and thus offering the specific knowledge that lacks from many colleagues, both young and senior engineers. Only with sound knowledge of our history we will become better Engineers in the future.

The final submission of the P.P. proposal to EXBO was made on the 12th of March 2018 and immediately the work has started.

Can be regarded as a gift / contribution of the ECCE family, to the Engineering Society.

6. Financial Planning:

Since we can use materials / records that we already have, as the records of Mr. Aris Chatzidakis (although they are in Greek and must be translated) and the data from the introduction of the two ECCE books already published, the cost should not be expected very high.

Draft Estimate of Expected Cost:

| | |
|-----------------------------------|---------------|
| (a) Translation Cost | €1300 – €1500 |
| (b) Participant meetings | €1500 – €1700 |
| (c) Text review by professionals. | €2000 |
| (d) Designer Cost | €1500 - €1800 |
| (e) Proof Reading | €300 – €400 |
| (f) Printing Cost | €5000 |

€11.600 - €12.400

The designer cost is for the design of the entire book, the front and back cover page, the type of cover and the type and size of paper.

ExBo is the appropriate body to define the target cost and the quality of the book (cover, paper type, number of copies etc.) and finally to set the pricing/selling price of the book.

Also ExBo should define if there is a need for an e-book as well.

7. Action Plan:

Formation of the working team and technical committees (if needed), meetings and discussion.

Translation of the existing material and review by the working team.

Recording of goals, collection of data from all the countries members of ECCE, preparation of the draft. Receive comments from the ExBo and any other expert needed / employed by ExBo.

Preparation of the final draft, to be announced at the London ECCE meeting (October 2018) if possible.

Publishing of the book by December 2018?

The translation of the Greek document of Aris was completed and delivered on the 15th of May 2018.

The official meeting of the working group members had taken place during the 67th ECCE General meeting - 1st of June 2018 in Tallinn, Estonia. At that meeting all target dead lines were assigned.

The working team:

1. Chatzidakis, Aris
2. Gorazd, Humar
3. Stylianos, Platonas
4. Coughlan, Paul
5. Charlaftis, Paris
6. Saez, Jose Francisco
7. Abela, Jeanette
8. Brandner, Andreas

price for money booklet that will be given to our new members and all organizations, in order to understand our history and appreciate the role and significance of our profession.

9. It was discussed and clarified that the publisher for the booklet will be ECCE and that printing of the book must be completed by 8th of October at the most in order to be sent until 15th – 17th of October in the United Kingdom and to be presented in all ECCE members during the 68th ECCE General Meeting.
10. Finally, it was decided that at least three offers for editorial and printing will be asked by Greece, Slovenia, and Spain in order to be checked and decided by EXBO before nomination. Technical specification for the editorial and printing work will be prepared by Gorazd (for approximately 1000 pieces, 100 A4 pages, and/or 150-200 A5 pages) and tenders must be submit on 20th of June 2018, 12.00 GMT. All later offers should be not taken in consideration.

Minutes of meeting of the Working Group members for the creation of an ECCE Booklet, of the EUROPEAN COUNCIL OF CIVIL ENGINEERS

MINUTES of meeting of the Working Group members for the creation of an ECCE Booklet, of the EUROPEAN COUNCIL OF CIVIL ENGINEERS

01st of June 2018, Tallinn, Estonia, 67th ECCE meeting

PARTICIPANTS:

| a/a | Surname, First name | Member Organization | Country | Email |
|-----|----------------------|--|----------------|---------------------------|
| 1 | Chatzidakis, Aris | Association of Civil Engineers of Greece | Greece | chatzidakisaris@gmail.com |
| 2 | Gorazd, Humar | Slovenian Chamber of Civil Engineers | Slovenia | Gorazd.humar@gmail.com |
| 3 | Stylianou, Platonas | Cyprus Council of Civil Engineers | Cyprus | stylianoup@cytanet.com.cy |
| 4 | Coughlan, Paul | Institution of Civil Engineers | United Kingdom | Paul.coughlan@arup.com |
| 5 | Charlaftis, Paris | Association of Civil Engineers of Greece | Greece | |
| 6 | Saez, Jose Francisco | Colegio de Ingenieros de Caminos, Canales y Puertos | Spain | 17jfs@iccpe.es |
| 7 | Abela, Jeanette | Chamber of Architects and Civil Engineers | Malta | jmabels@bureau105.studio |
| 8 | Brandner, Andreas | Austrian Federal Chamber of Architects and Chartered Engineering Consultants | Austria | office@tb-brandner.com |

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1. Minutes of Meeting

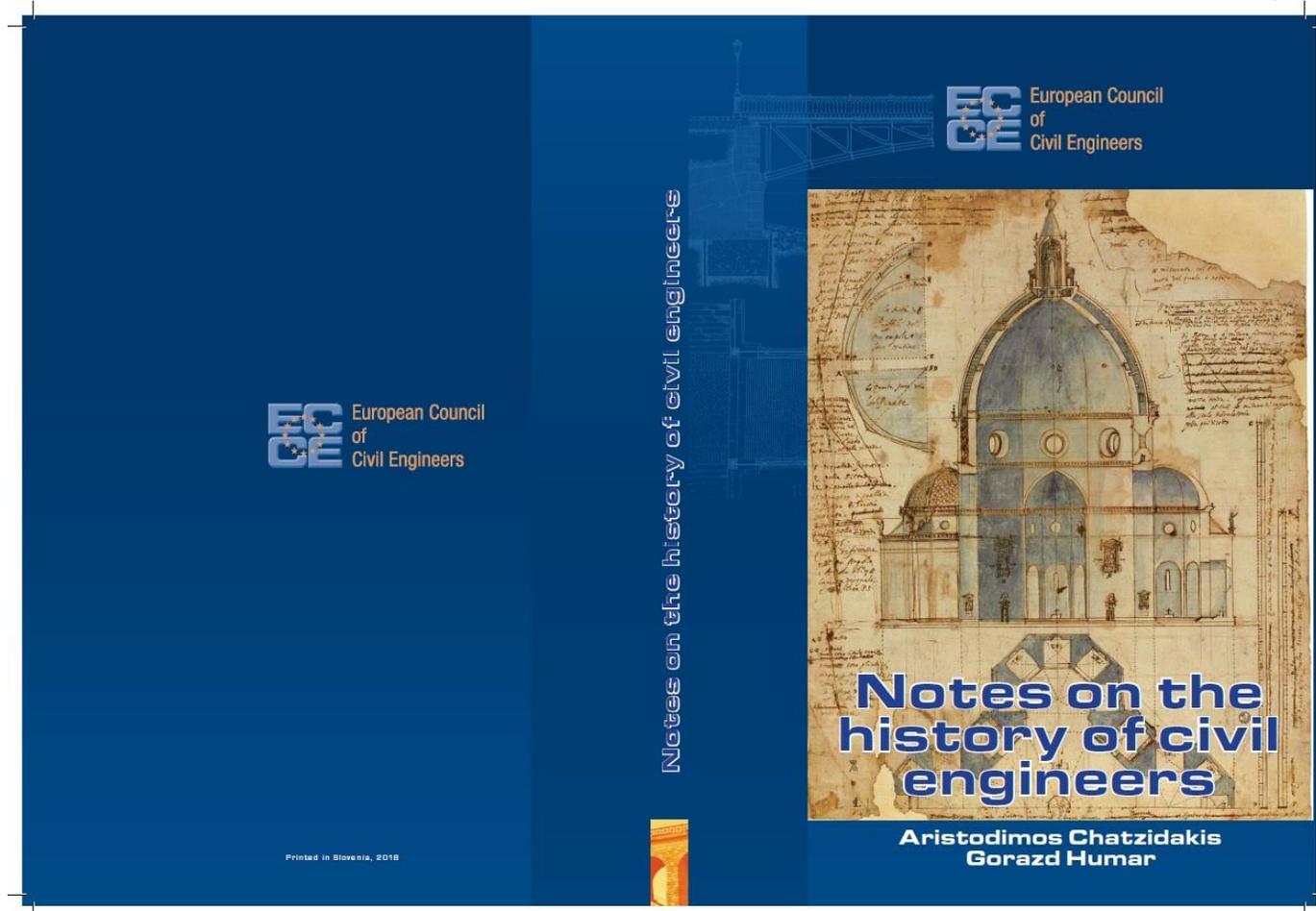
1. The team members were informed that the translation of Aris Chatzidakis notes on the history of Civil Engineers was successfully completed (although payment of the translation is pending) and the document was sent via email to all working team members.
2. The team was informed **"that time is on the essence"** since the booklet has to be finished, presented and announced in the next ECCE meeting in London (22-26 October 2018), at the closing event of the European Year of Civil Engineer.
3. Austria prepared and send their contribution the missing parts (2 pages text) are contributions from Spain, United Kingdom, and Malta. The various contribution from the team members will be attached and incorporate in the main text of Aris. Also, Gorazd Humar will check and summarize the existing data as exist in the two books of ECCE and amend in case of duplications. The team has decided that it will incorporate team as a separate part in the booklet.
4. It was also decided that an introduction must be prepared by the ECCE president and a preface by the working group.
5. In the preface that will be prepared, it will be explained that the document presented is notes up to the 20th century only and that is a general historic description of how our profession appears and developed. Also that the booklet may be part of a series of booklets that will follow.
6. It was stated to all group members that is not only time that is tight, but also the budget for the project is strict and limited and we should stick to the draft estimate given to EXBO as much as possible.
7. Further to that, it was decided that the contribution from the United Kingdom, Spain and Malta will be sent to Aris by 11th of June. Also, Gorazd will send his work to Aris by 11th of June and Aris will prepare his final draft and send it to the team for comments by 18th of June. By the end of June, all teams' comments will be sent back to Aris. Paul will do a first editorial check by 5th of July and then the document has to go for Professional Proof Reading.
8. The issue of the paper size of the book or booklet was discussed and finally was decided that it will be smaller than A4 in size, in order to be a concise booklet. Thus it will be in an economical and reasonable



Finally after hard work our book/booklet was **created and Delivered in time and within budget** and we are all very proud for that.

We hope that will constitute a valuable contribution of ECCE to the Engineering Society.

It's a document to record the history and the role of our profession, so that all Engineers can have something to study about our history and get knowledge about who we are and where we came from.



So the book has been created (Part A?? ... or to be continued?),

...It was created to show why Civil Engineers plays an important role in the society. To record the history and the role of our profession, so that all Engineers can have something to study and get general knowledge about who we are and where we come from. Also to contribute to the better recognition of the Civil Engineering Profession and to be a recording element of our history and achievements....

As we all knowonly with sound knowledge of our History we will become better Engineers and better people in the future....

Thank you for your
attention.