

Number	23-01-003	
Subject	DIANA Users Association General meeting of members	
Date	February 15 <sup>th</sup> , 2023	
Time	4 pm.	
Place	TNO NITG, Utrecht, The Netherlands	
Present	Aa, Pim van der Ane de Boer – Chairman Flink, Peter ’t Hart, Marcel Naaktgeboren, Marius (16.15) Pari, Manimaran Tai, Ricky Vliet, Coen van der Vliet, Marc van Yang, Yuguang (16.40)	NLyse Consultants Ane de Boer Consultancy RHDHV RHDHV Rijkswaterstaat GPO TU Delft TNO Delft Arcadis Witteveen+Bos TU Delft
Absent	Baurelle, Jean Claude Buijze, Loes Poliotti, Mauro Schoenmakers, Dennis Vollema, Nynke Wassenaar, Anna van Willige, Jolanda Zhekang, Huang	DIANA FEA BV TNO NITG TU Delft Wagemaker RHDHV DIANA FEA BV JRI Communication vof Witteveen+Bos

## 1. Opening

The chairman opened the meeting at 16.05 and welcomed the attendees. The minutes of the previous meeting were shared with the members before the meeting. Also the Agenda of this meeting, the Wish-list (Excel file) and the Proposal for testing were shared in advance. All participants of this meeting approved the Agenda.

## 2. The Minutes of the general meeting of members of the DIANA Users Association on September 15, 2022 and actions.

Coen: the minutes can be less detailed.

Everyone approved the minutes of the previous ALV. Thanks for the work done by the DOV secretary.

Action	Action holders	Description	Status
18-13	Ane/Jolanda	Will make pdf files of all lectures which has been held during the DIANA Users Meeting 2018/2019 and Jolanda will send an email to all members of the DIANA Users Association and all participants of the DIANA Users Meeting that the available lectures are on the website.	In process  Uploading is performed, with the exception of two DUM
Action 19-02	Ane/Jolanda	Ane will make an overview of the wishes of the DIANA Users during the DIANA Users Meeting 2019 and Jolanda will send it to the members of the Association	Completed

<b>Action 22-01</b>	All members	All members will see if more publications can be added to the publication list 2021 and they will send the publications to Jolanda (info@dianausers.nl)	Completed
<b>Action 22-02</b>	Coen	Coen will translate the financial documents 2019-2020-2021 from the annual report into English.	Completed
<b>Action 22-03</b>	The board	The board will ask the people of the University of Valencia if it is possible that students can follow the meeting online.	Needs action
<b>Action 22-04</b>	Coen	Coen will adjust the rates for members, non-members and (PhD) students in the budget for the DIANA Users Meeting 2023.	Completed
<b>Action 22-05</b>	Anna/Ricky	Compare DIANA FEA's customers to the list of members of the DIANA Users Association and see who else could become a member.	Completed
<b>Action 22-06</b>	Ricky	Updating website DIANA Users Association: adding presentations and annual reports to the website	Completed
<b>Action 22-07</b>	Anna/Ricky	Anna and Ricky will pick up a joint forum with DIANA FEA to be placed on the website of the DIANA Users Association and the website of DIANA FEA.	In process, forum will be on DIANA FEA website
<b>Action 22-08</b>	All members	The members will send a sample of a FE model (Cracking concrete, flowing reinforcement) to Ricky to be placed on the home page of the website so the website is changing every month.	Needs action
<b>Action 22-09</b>	Coen(m), Ab, Lex, Ricky and Huang	Will start the study cell "Expansion of NLFEA simulations NLFEA Guideline" sharing the experiences with the Guideline	In process, change: Ane is since December mentor
<b>Action 22-10</b>	Coen/Ab	Will see if they will expand the study cell "Connection to standard testing (workflow DIANA, DESIGN module, ...)"	Needs action
<b>Action 22-11</b>	Loes/Marc	Loes will present her work at TNO at the next general meeting and Marc about his work at Witteveen+Bos	In process: Loes will give a presentation of the TNO work, next time Marc or a colleague at W+B

### 3. Announcements from the Board

#### Topics for a Workshop in Valencia during the International DIANA Users Meeting in September 2023

The topic Module DESIGN got a minor priority due to the reorganization at DIANA FEA. Status at this moment is unknown.

Possible ideas for the workshop are concrete structures, steel structures and nonlinear analysis.

More in detail the subtopics and between brackets the persons who has suggestions for the subtopics:

- Fatigue and buckling of steel (Peter)
- Non-linear concrete and behavior convergence at large models (Pim, Coen)
- Soil-structure interaction (Marc)

Idea: If there is enough attendance and interest, parallel sessions should be organized so participants can choose their preferred workshop.

#### Study cell "Expansion of NLFEA simulations NLFEA Guideline"

Already discussed in the action list. Ane is the new mentor, Coen stays member of the study cell.

Ane notifies us of the "Blind Prediction Contest on prestress concrete beams made continuous", organized by Delft University, *fib* International and Rijkswaterstaat.

The validation reports of the RTD1016 3A-3D can be outdated and needs to be updated for DIANA FEA 10.6.

Extending examples is always possible.

An inventory study of reinforced beams with a height of 1 meter is done by Delft University, where a blind prediction will be executed by TNO.

More information will be given by Marco Roosen of Rijkswaterstaat about the NLFEA Guideline for concrete structures this evening at the lecture event. Marius asks if the results of the Trondheim Contest 2019 are included in the new version of the NLFEA Guideline. Ane replies that this can be asked to Marco this evening.

#### **Pre-testing DIANA software**

The idea is that DIANA Users (DOV) perform tests on practical, and often more complex, tests of the software. Mainly when new functionalities are introduced. A proposal for testing is discussed in a recent meeting of the DOV Board and DIANA FEA.

The test levels 1 to 3, the component tests, are already done during the implementation level on forehand by DIANA FEA.

The practical step can be done by Users of different companies. Input and output of those practical tests should be discussed before starting those type of testing by the User and DIANA FEA.

#### **15<sup>th</sup> International DIANA Users Meeting 2023**

Dates: 26 & 27 September 2023

Hosting location: University of Valencia, Spain

Program: Presentations, Social Event, Wishlist, new DIANA features?, Workshop(s)?, .....

Soon a call for abstracts for this event will follow by the DOV secretary.

#### **Contest continuous prestressed girder Delft University of Technology**

Already discussed before at the agenda no. 3.

#### **4. Announcements from DIANA FEA**

DIANA FEA could not make it to be present on the General Meeting (email 15:24, cancelled by an important meeting with a client).

#### **5. Wish-list**

A wish-list has been shared to the members.

Some of the members are asked to attribute a priority ("Must-have", "Nice-to-have") to the wishes. Then Ane will prepare the process to rank the list of wishes by scoring from the Users. Finally the scored list will be shared with the Users and DIANA FEA.

#### **6. Questions**

Coen: asked for two volunteers to check the finances for 2023. Marcel volunteered and will replace Nynke Vollema. Next ALV (in June) we will ask again for the second volunteer.

#### **7. Closing**

The chairman closes the Meeting at 17.00.

#### **Actions of the General meeting of members of the DIANA Users Association, February 15<sup>th</sup>, 2023**

- |              |             |   |
|--------------|-------------|---|
| Action 18-13 | Ane/Jolanda | Will make pdf files of all lectures which has been held during the DIANA Users Meeting 2018/2019 and Jolanda will send an email to all members of the DIANA Users Association and all participants of the DIANA Users Meeting that the available lectures are on the website. |
| Action 22-03 | The Board   | The board will ask the people of the University of Valencia if it is possible that students can follow the meeting online.  |

## DOV ALV 23-02-002

Action 22-07	Anna/Ricky	Anna and Ricky will pick up a joint forum with DIANA FEA to be placed on the website of the DIANA Users Association and the website of DIANA FEA.
Action 22-08	All members	The members will send a sample of a FE model (Cracking concrete, flowing reinforcement) to Ricky to be placed on the home page of the website so the website is changing every month.
Action 22-09	Coen(m), Ab, Lex, Ricky and Huang	Will start the study cell " <i>Expansion of NLFEA simulations NLFEA Guideline</i> " sharing the experiences with the Guideline
Action 22-10	Coen/Ab	Will see if they will expand the study cell "Connection to standard testing (workflow DIANA, DESIGN module, ...)"
Action 22-11	Marc	Marc or a colleague will tell something about his work at Witteveen+Bos at the next general meeting.