



IMPROOF

Deliverable 6.2 Public Web site

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Document approval

Name	Position in project	Organisation	Date	Visa
K. VanGeem	Coordinator	UGENT		
P. Lenain	Quality manager	AYMING		

Document history

Version	Date	Modifications	Authors
V0	21/03/2017		B. Cuenot
V1	09/04/2018	Revision post-review	B. Cuenot

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EXECUTIVE SUMMARY

1.1 Description of the deliverable content and purpose

Deliverable 6.2 reports on the Public website that has been set up. The functionalities and available information are presented. The contents in terms of results are also summarized.

1.2 Brief description of the state of the art and the innovation breakthroughs

N. A.

1.3 Corrective action (if relevant)

Following the review, the Monitor commented:

The document does not present clearly the functionalities and available information in each of the websites. Include the publications already available in each of the websites. Please refer to the information already provided namely EC funding acknowledgment. Please review it and use the IMPROOF Report template.

The updated template has been used. The functionalities and information have been detailed. The official acknowledgment has been added.

1.4 IPR issues (if relevant)

N. A.

2 PUBLIC WEB SITE

2.1 Graphical Chart

The website address is: <https://improof.cerfacs.fr/>. It has been built with project graphical chart already used in the project logo and leaflet.

A person of CERFACS (Marie Labadens) is in charge of regular updates of the website, the publication approval procedure and the publication of project results submitted by the partners.

2.2 Home page

The home page is illustrated in the figure below.

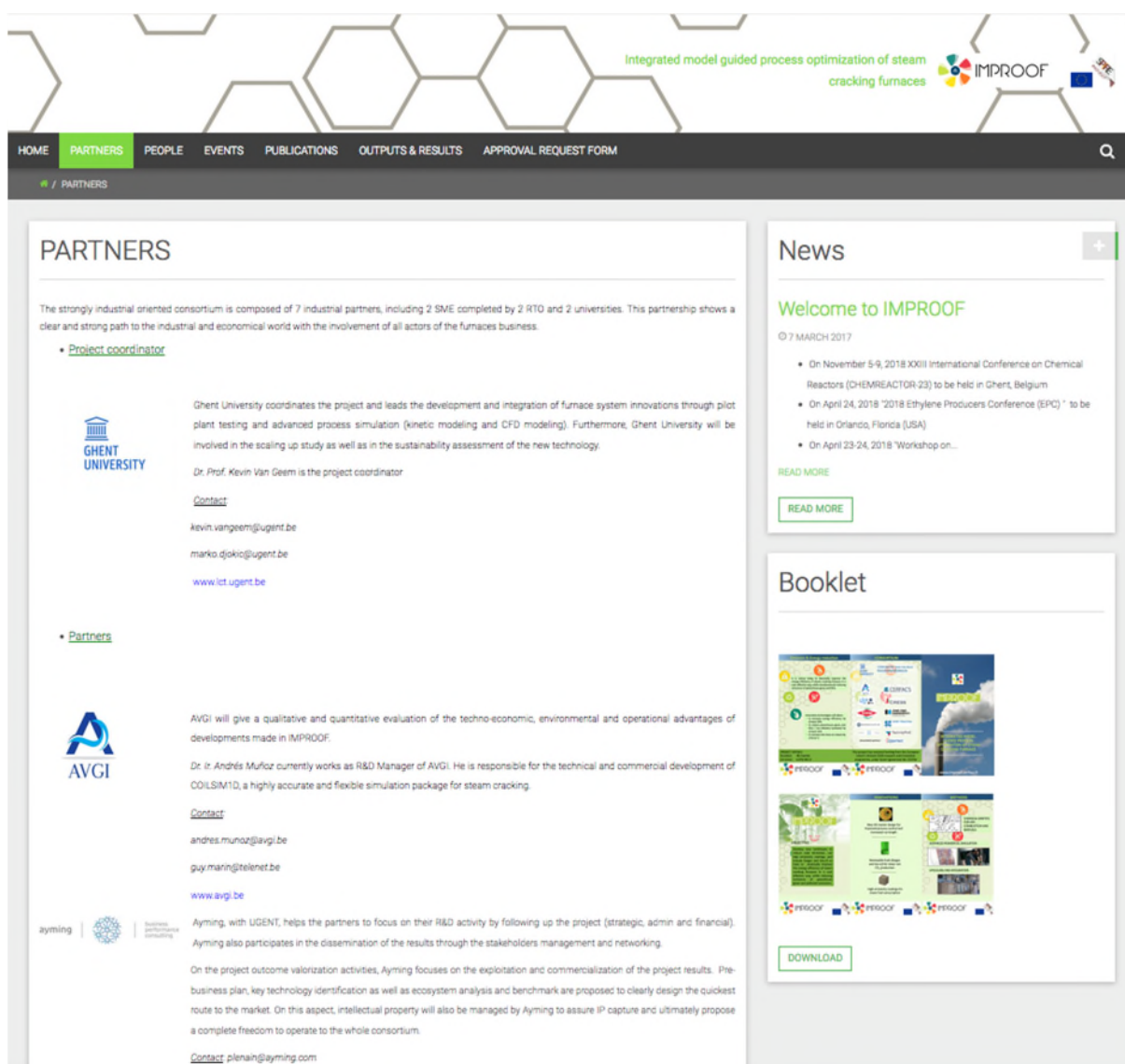


It has been designed to be appealing, thanks to the color palette, the text style and a choice of images. It offers an easy access to the menu and gives first some general information about the project. It also give access to the leaflet which can be downloaded and contains a “News” flash box.

2.3 Main menu

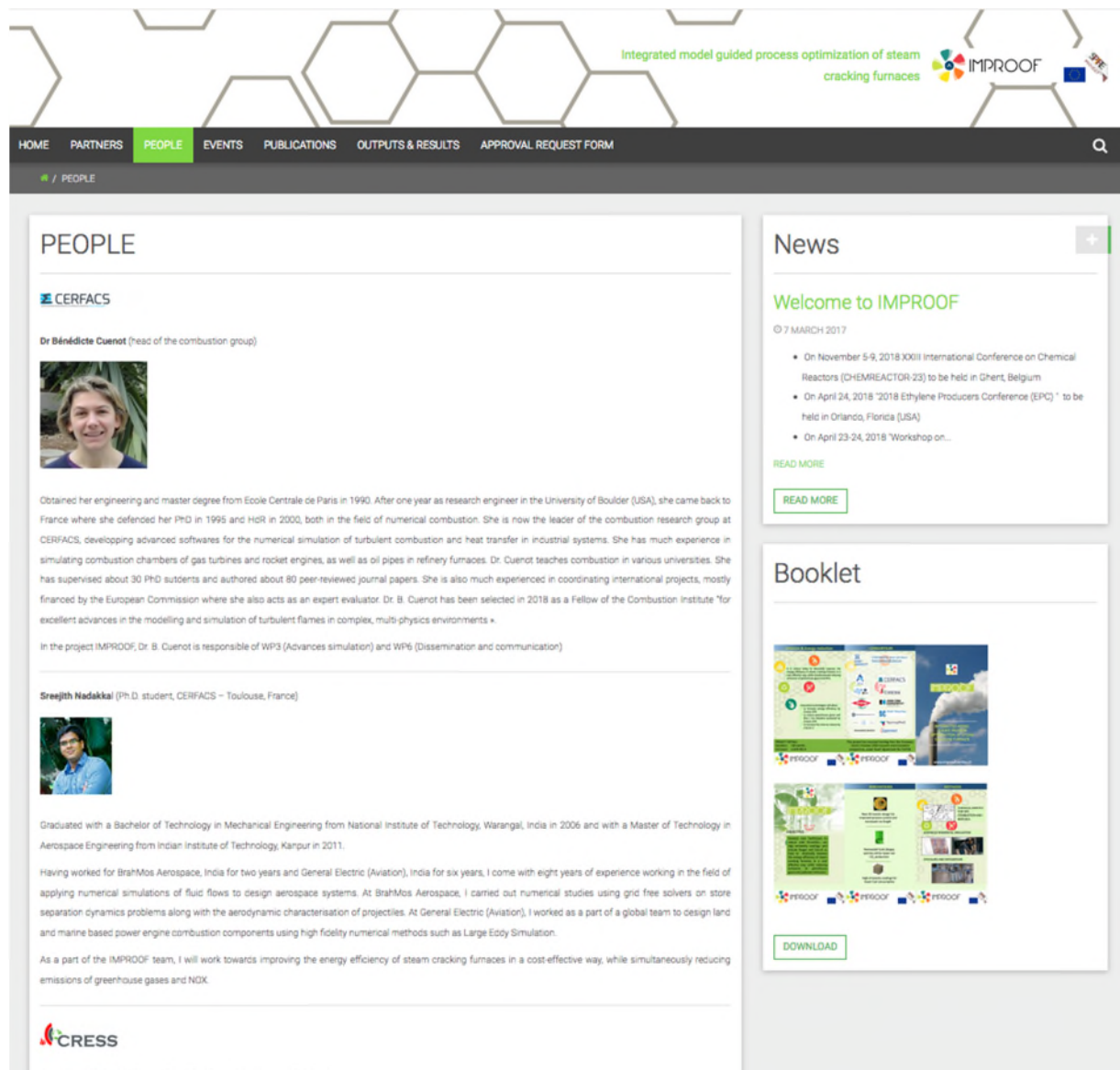
The menu is the following:

- Home page
- Partners: list of partners with logo and role in the project. Contact mails are also given



The screenshot displays the IMPROOF website's 'PARTNERS' page. At the top, a navigation bar includes links for HOME, PARTNERS (highlighted), PEOPLE, EVENTS, PUBLICATIONS, OUTPUTS & RESULTS, and APPROVAL REQUEST FORM. Below the navigation, the main content area is titled 'PARTNERS' and contains introductory text about the consortium. It lists three partners: Ghent University (coordinator), AVGI, and Ayming. Each partner entry includes a logo, a brief description of their role, and contact information. The sidebar on the right features a 'News' section with a 'Welcome to IMPROOF' article dated 7 MARCH 2017, and a 'Booklet' section with a 'DOWNLOAD' button.

- People: list of involved researchers with short bio and picture

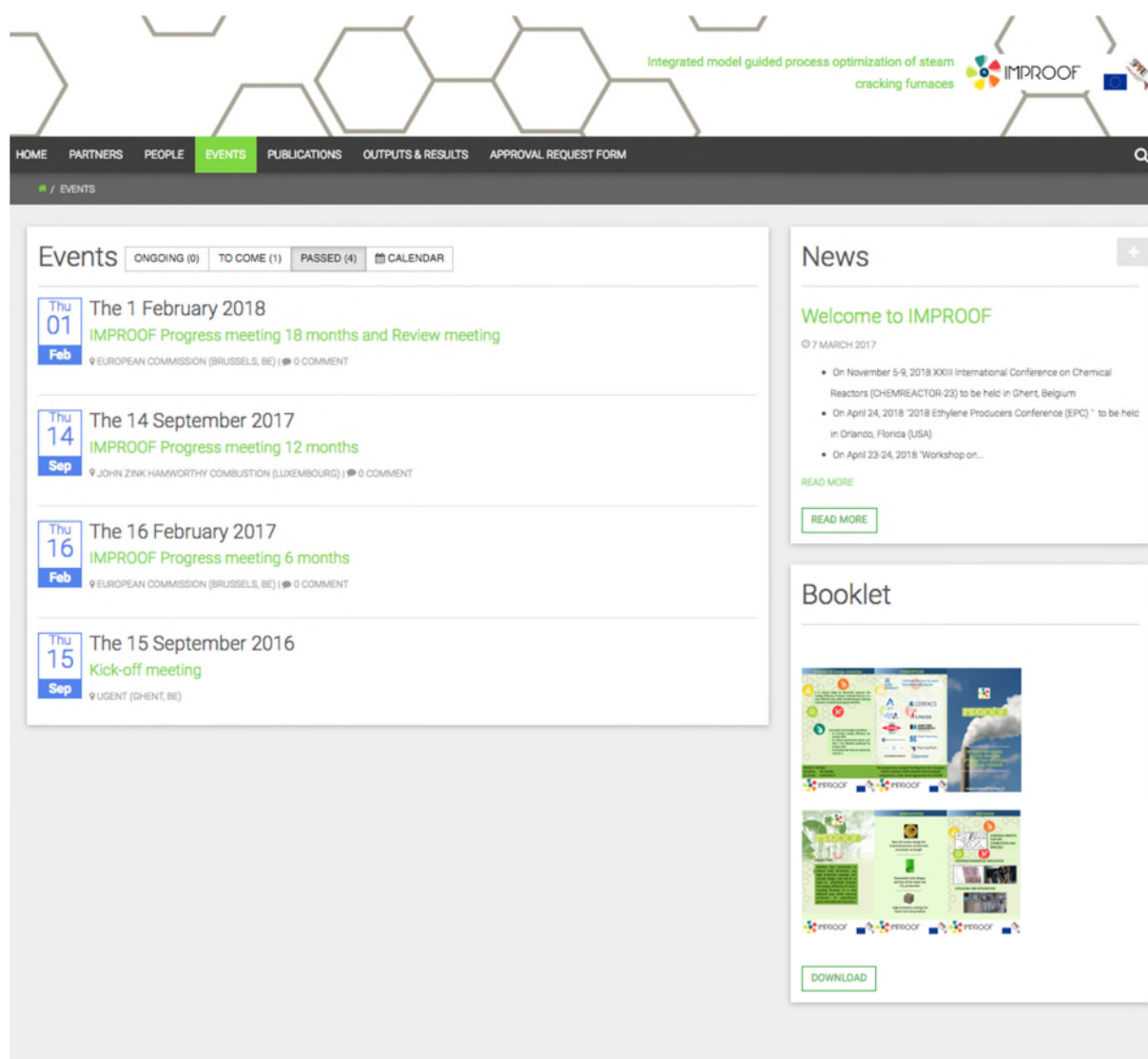


The screenshot shows the 'PEOPLE' page of the IMPROOF website. At the top, there is a navigation bar with links for HOME, PARTNERS, PEOPLE (highlighted), EVENTS, PUBLICATIONS, OUTPUTS & RESULTS, and APPROVAL REQUEST FORM. Below the navigation bar, the page title 'PEOPLE' is displayed. The main content area features two profiles:

- Dr Bénédicte Cuenot** (head of the combustion group): Includes a photo and a detailed biography. She obtained her engineering and master degree from Ecole Centrale de Paris in 1990, followed by a PhD in 1995 and HDR in 2000. She is currently the leader of the combustion research group at CERFACS, developing advanced software for numerical simulation of turbulent combustion and heat transfer in industrial systems. She has supervised about 30 PhD students and authored about 80 peer-reviewed journal papers. She is also an expert evaluator for the European Commission and a Fellow of the Combustion Institute.
- Sreejith Nadakkal** (Ph.D. student, CERFACS – Toulouse, France): Includes a photo and a biography. He graduated with a Bachelor of Technology in Mechanical Engineering from National Institute of Technology, Warangal, India in 2006 and a Master of Technology in Aerospace Engineering from Indian Institute of Technology, Kanpur in 2011. He has worked for BrahMos Aerospace, India for two years and General Electric (Aviation), India for six years. He is currently working on numerical simulations of fluid flows to design aerospace systems.

At the bottom of the page, the CRESS logo is visible. On the right side of the page, there are two additional sections: 'News' with a 'Welcome to IMPROOF' article dated 7 MARCH 2017, and 'Booklet' with a 'DOWNLOAD' button.

- Events : list of past, present and future events organized within the project



The screenshot shows the IMPROOF website's 'Events' page. At the top, there is a navigation bar with links for HOME, PARTNERS, PEOPLE, EVENTS (highlighted), PUBLICATIONS, OUTPUTS & RESULTS, and APPROVAL REQUEST FORM. Below the navigation bar, the page title is 'Events' with filters for ONGOING (0), TO COME (1), and PASSED (4), along with a CALENDAR icon. The main content area displays a list of events:

- Thu 01 Feb**: The 1 February 2018
IMPROOF Progress meeting 18 months and Review meeting
EUROPEAN COMMISSION (BRUSSELS, BE) | 0 COMMENT
- Thu 14 Sep**: The 14 September 2017
IMPROOF Progress meeting 12 months
JOHN ZINK HAMWORTHY COMBUSTION (LUXEMBOURG) | 0 COMMENT
- Thu 16 Feb**: The 16 February 2017
IMPROOF Progress meeting 6 months
EUROPEAN COMMISSION (BRUSSELS, BE) | 0 COMMENT
- Thu 15 Sep**: The 15 September 2016
Kick-off meeting
UGENT (GHENT, BE)

On the right side, there is a 'News' section with the title 'Welcome to IMPROOF' dated 07 MARCH 2017. It lists three news items:

- On November 5-9, 2018 XXIII International Conference on Chemical Reactors (CHEMREACTOR-23) to be held in Ghent, Belgium
- On April 24, 2018 '2018 Ethylene Producers Conference (EPC)' to be held in Orlando, Florida (USA)
- On April 23-24, 2018 'Workshop on...

Below the news section is a 'Booklet' section featuring two booklet covers. The top cover is titled 'IMPROOF' and the bottom cover is titled 'EPC 2018'. A 'DOWNLOAD' button is visible at the bottom of the booklet section.

- Publications: list of publications done by the partners, with link to the conference web site for conference papers and downloadable pdf file for open access papers. Indeed for each publication the authors are asked to provide open access and a pdf file of the paper.

The publications already realised by the consortium are the following:

“Improof: Integrated Model Guided Process Optimization of Steam Cracking Furnaces” K Van Geem in 2018 Ethylene Producers Conference (EPC), Orlando, Florida (USA) – April 24, 2018

“New trends in olefin production” K. van Geem in *EEPC 2017 Ethylene seminar, Dresden (Germany)* – October 25-27, 2017

“Exploring the reactivity of C4-C6 linear alcohols: from jet stirred reactor and rapid compression machine experiments to operating regimes in a HCCI

engine.” M. Pelucchi & al. in 3rd General Meeting and Workshop on SECs in Industry of SMARTCATs Action, Prague (Czech Republic) – October 25, 2017

“Poster: Etude de l'oxydation de molécules représentatives d'une bio-huile en réacteur agité par jets” S. Namysl & al. in SFGP 2017 – July 11-13, 2017

“Experimental study of oxidation of bio-oil surrogates in jet-stirred reactor” S. Namysl & al. in CLEAN-Gas Combustion Summer School Brussels – June 26-29, 2017

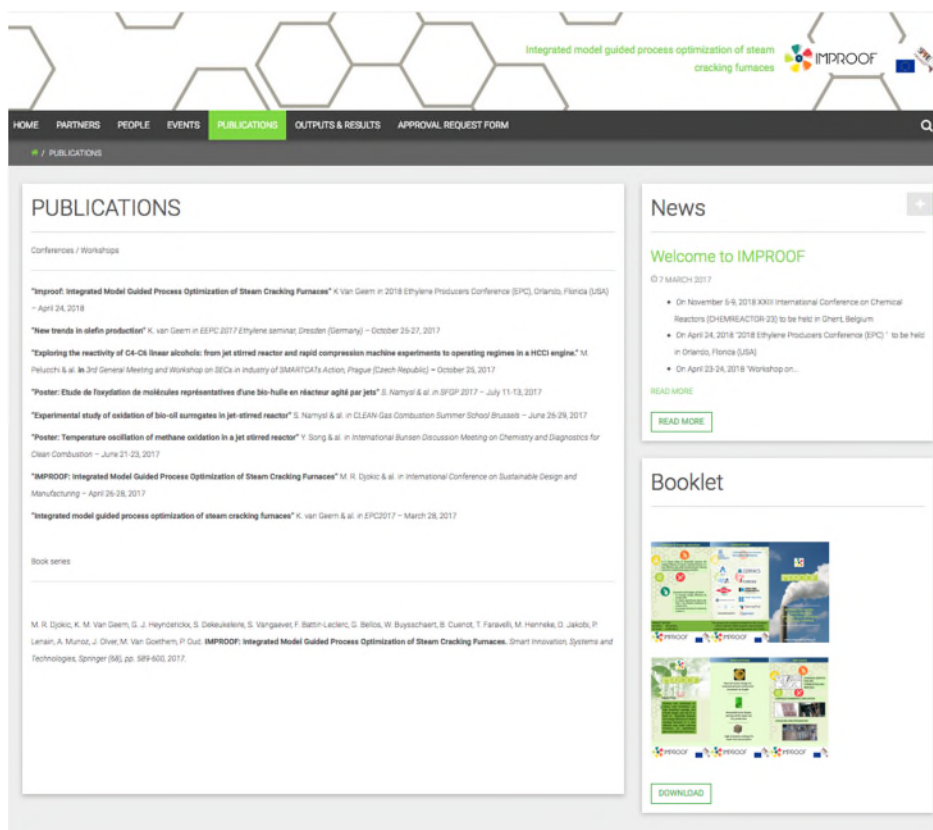
“Poster: Temperature oscillation of methane oxidation in a jet stirred reactor” Y. Song & al. in International Bunsen Discussion Meeting on Chemistry and Diagnostics for Clean Combustion – June 21-23, 2017

“IMPROOF: Integrated Model Guided Process Optimization of Steam Cracking Furnaces” M. R. Djokic & al. in International Conference on Sustainable Design and Manufacturing – April 26-28, 2017

“Integrated model guided process optimization of steam cracking furnaces” K. van Geem & al. in EPC2017 – March 28, 2017

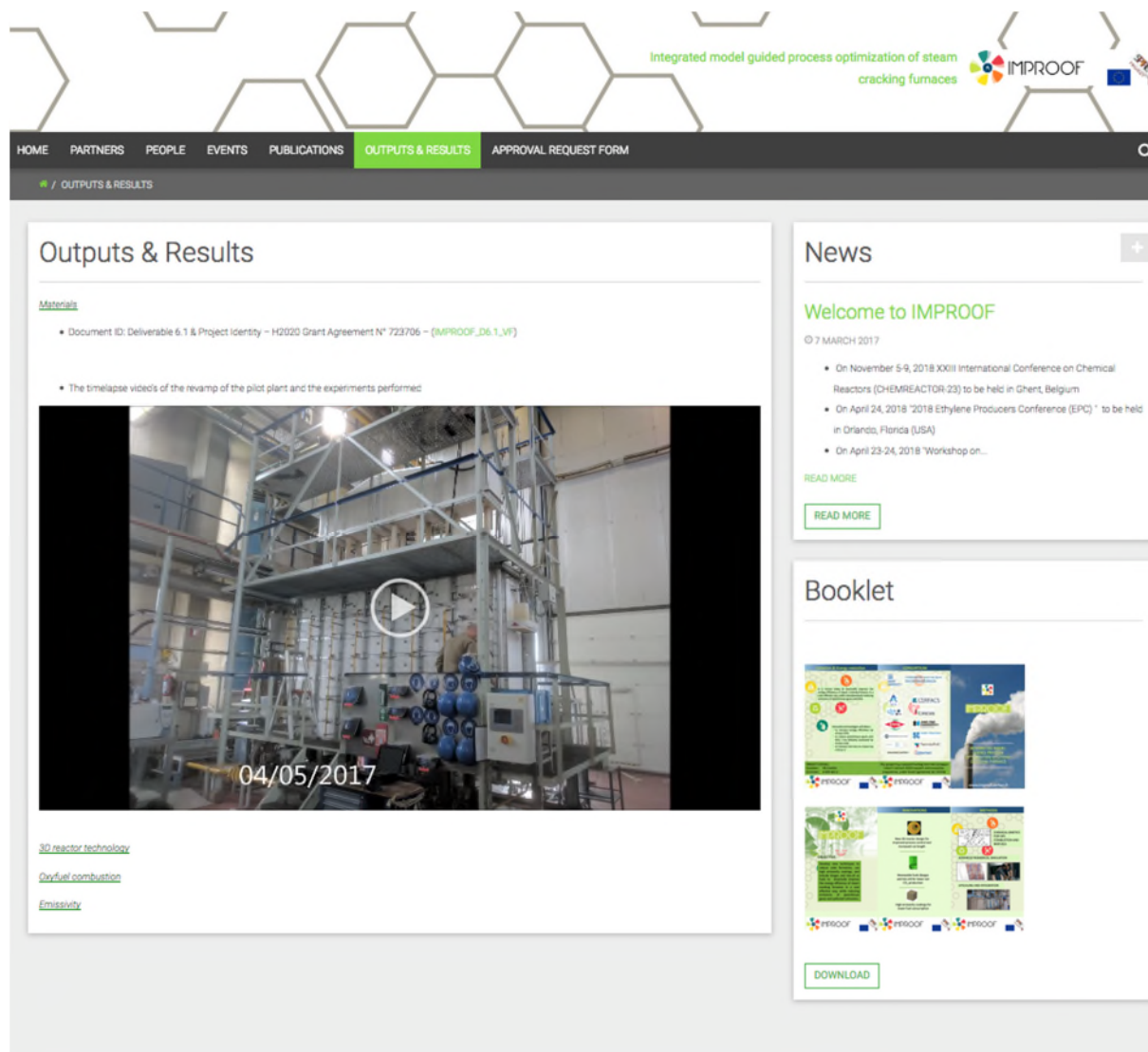
Book series

M. R. Djokic, K. M. Van Geem, G. J. Heynderickx, S. Dekeukeleire, S. Vangaever, F. Battin-Leclerc, G. Bellos, W. Buyschaert, B. Cuenot, T. Faravelli, M. Henneke, D. Jakobi, P. Lenain, A. Munoz, J. Olver, M. Van Goethem, P. Oud. **IMPROOF: Integrated Model Guided Process Optimization of Steam Cracking Furnaces. Smart Innovation, Systems and Technologies, Springer (68), pp. 589-600, 2017.**



The screenshot displays the IMPROOF website's Publications page. At the top, there is a navigation bar with links for HOME, PARTNERS, PEOPLE, EVENTS, PUBLICATIONS (highlighted), OUTPUTS & RESULTS, and APPROVAL REQUEST FORM. Below the navigation bar, the page is divided into two main columns. The left column, titled 'PUBLICATIONS', lists several publications under the sub-heading 'Conferences / Workshops'. The right column contains a 'News' section with a 'Welcome to IMPROOF' message and a 'Booklet' section with a 'DOWNLOAD' button. The IMPROOF logo is visible in the top right corner of the page.

- Output & results : illustrations of recent results and pdf files of Deliverable public reports



Integrated model guided process optimization of steam cracking furnaces


HOME PARTNERS PEOPLE EVENTS PUBLICATIONS **OUTPUTS & RESULTS** APPROVAL REQUEST FORM

OUTPUTS & RESULTS

Outputs & Results

Materials

- Document ID: Deliverable 6.1 & Project Identity – H2020 Grant Agreement N° 723706 – [IMPROOF_D6.1_V1]
- The timelapse videos of the revamp of the pilot plant and the experiments performed



04/05/2017

3D reactor technology

Dryfuel combustion

Emissivity

News

Welcome to IMPROOF



07 MARCH 2017

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READ MORE

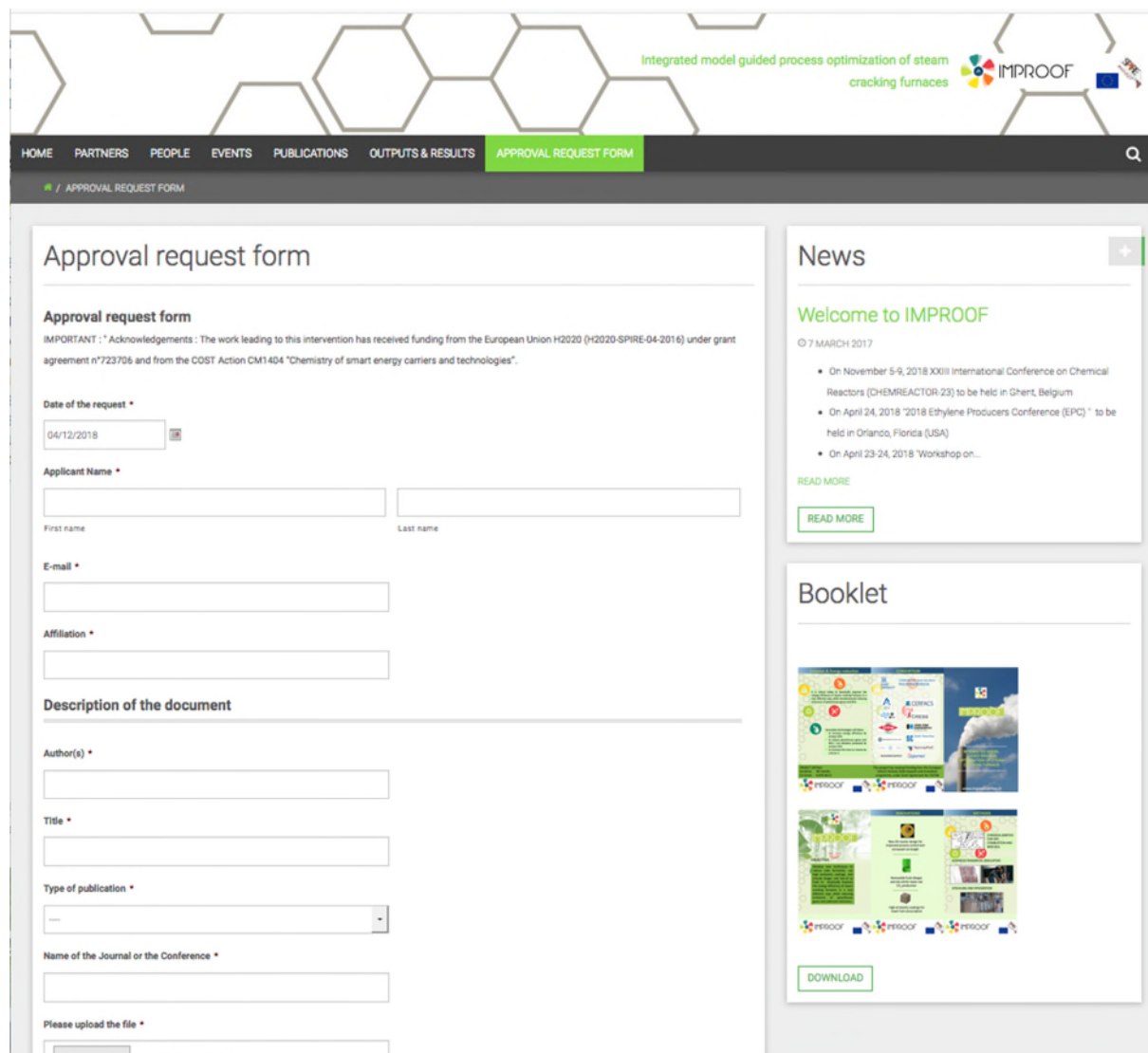
READ MORE

Booklet



DOWNLOAD

- Approval request form: form to be filled to ask for approval by the Consortium of any new publication.



Integrated model guided process optimization of steam cracking furnaces

IMPROOF

HOME PARTNERS PEOPLE EVENTS PUBLICATIONS OUTPUTS & RESULTS APPROVAL REQUEST FORM

APPROVAL REQUEST FORM

Approval request form

Approval request form

IMPORTANT : * Acknowledgements : The work leading to this intervention has received funding from the European Union H2020 (H2020-SPRE-04-2016) under grant agreement n°723706 and from the COST Action CM1404 "Chemistry of smart energy carriers and technologies".

Date of the request *

04/12/2018

Applicant Name *

First name Last name

E-mail *

Affiliation *

Description of the document

Author(s) *

Title *

Type of publication *

Name of the Journal or the Conference *

Please upload the file *

News

Welcome to IMPROOF

07 MARCH 2017

- On November 5-9, 2018 XXXIII International Conference on Chemical Reactors (CHEMREACTOR-23) to be held in Ghent, Belgium
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READ MORE

Booklet

DOWNLOAD

3 SPIRE WEB SITE

The project is also visible in on the SPIRE web site, see below. However the limited functionalities of the platform have made it necessary to look for an alternative platform.

