

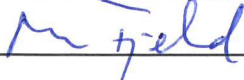
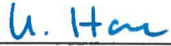


<b>GRANT AGREEMENT No.: 764902</b>  <b>Project Acronym: TOMOCON</b>  <b>Project title: Smart tomographic sensors for advanced industrial process control</b>		 <b>TOMOCON</b> <small>Smart Tomographic Sensors for Advanced Industrial Process Control</small>	
<b>Deliverable Rel. No.</b> <b>D7.3.</b>		<b>Lead Beneficiary</b> <b>CTH</b>	
<b>EU Del. No.</b> <b>D24</b>		<b>Type</b> <b>Websites, patents filling, etc.</b>	
<b>WP No.</b> <b>WP7</b>		<b>Date:</b> <b>28.08.2018</b>	<b>Revision:</b> <b>0</b>
<b>Innovative Training Network</b>  <b>TOMOCON</b>			
<b>Deliverable Title</b>   <div style="text-align: center;"> <b>Project Brochure/Flyer and Media Communication</b> </div>			
<b>Description</b>  <b>This deliverable summarizes the development of a TOMOCON brochure / flyer and material for media communication (e.g. logo, PPT template etc).</b>			

Prepared by:	Susann Riedel Prof. Dr. Morten Fjeld	 
Approved by:	Prof. Dr. Uwe Hampel	
Approved by Supervisory Board:	13.09.2018	

Dissemination Level: **Public**



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D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

Revision Sheet

<b>Revision Number</b>	<b>Purpose of Revision</b>	<b>Effective Date</b>
0	Initial Issue	13.09.2018



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## **Project Brochure/Flyer and Media Communication**

Media coverage and communication with internal and external stakeholders of the project as well as the general public becomes a crucial tool to inform about the project's aims, its partners, research results, trainings and TOMOCON events. The following are examples of media coverage and communication activities that have been developed to promote the project and inform about its aims and content:

- TOMOCON Logo
- TOMOCON Website
- TOMOCON Sharepoint
- TOMOCON Project flyer
- TOMOCON Summer School Advertisement
- TOMOCON Powerpoint Template
- TOMOCON Press releases and articles

### **TOMOCON Logo**

The following logo has been developed by the TOMOCON project partners in collaboration with a local graphic design studio (see below). It is used on document and presentation templates and all official communication media (TOMOCON website, flyer etc.).



### **TOMOCON Website**

The TOMOCON project has an own project website which can be accessed via the following link:

<http://www.tomocon.eu>



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Deliverable Title: <b>Project Brochure/Flyer and Media Communication</b>					
Del. Rel. No.	EU Del. No.	WP No.	Lead Beneficiary	Type	Date
D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

The website informs the stakeholders and the general public about the project by highlighting its objectives, partners, scientific research topics and the individual demonstrations. A news section informs about the latest developments and details about all TOMOCON events can additionally be accessed. Furthermore, the ESRs with their research projects are presented.



Screenshot of the TOMOCON website

## TOMOCON Sharepoint

Within the TOMOCON website, there is a password restricted sharepoint area which can be accessed by project members only. The TOMOCON sharepoint contains contract documents, management information, templates for reports, presentation masters as well as progress reports, deliverables and information about the individual demonstrations and

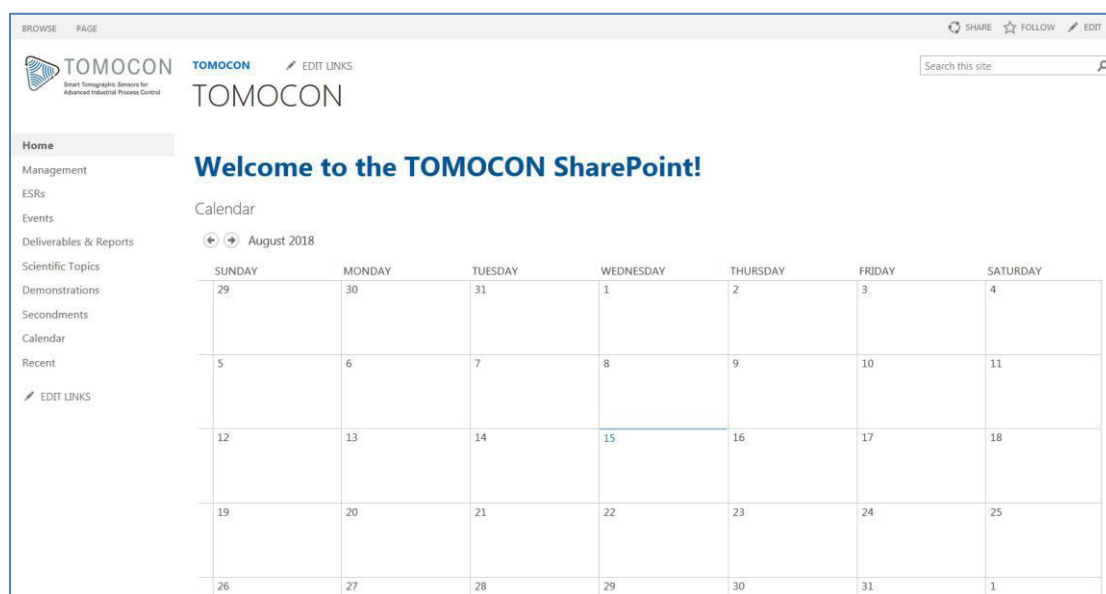


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Del. Rel. No.	EU Del. No.	WP No.	Lead Beneficiary	Type	Date
D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

secondments. Its main function is to share important results and information among the network partners.

The TOMOCON Sharepoint can also be accessed via the following link:

<https://spn.hzdr.de/websites/tomocon>



Screenshot of the TOMOCON Sharepoint

## TOMOCON Project flyer

For communication purposes, a TOMOCON project flyer has been developed. The project flyer contains information about the project, its contents, objectives, EU funding and demonstrations and lists the academic and industrial project partners. It also includes a reference to the TOMOCON website.

The TOMOCON flyer is enclosed as Attachment 1.

## TOMOCON Summer School Advertisement

In order to advertise the 1<sup>st</sup> TOMOCON Summer School in Lublin (26.-28.09.2018), a Poster (see Attachment 2) was created and enclosed to a Participation Call sent to the project



TOMOCON				GRANT AGREEMENT No.: 764902	
Deliverable Title: <b>Project Brochure/Flyer and Media Communication</b>					
Del. Rel. No.	EU Del. No.	WP No.	Lead Beneficiary	Type	Date
D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

consortium on 29.06.2018 with the request to spread it among scientific contacts and university students / company employees. Moreover, a dedicated webpage was created on the TOMOCON website: <http://www.tomocon.eu/summer-school-lublin> and the registration portal was opened on a very well-known Polish event promotion site to manage participant vouchers: <https://tomocon-summer-school1-lublin.evenea.pl/?lang=en&currency=pln> All documents were created more than two months before the event organisation, as also declared in the Grant Agreement. The TOMOCON Summer School has also been advertised for on the ISIPT website and during the 9<sup>th</sup> World Congress on Industrial Process Tomography.

### TOMOCON Powerpoint template

A TOMOCON Powerpoint template has been developed for the presentation of results related to the TOMOCON project as well as for meetings of the network. The template includes the TOMOCON logo as well as the logo of HZDR which can be replaced with the logo of the individual institutions / companies. The highlighted EU logo and funding statement must however be visible at all times.

The Powerpoint template is enclosed as Attachment 3.

### TOMOCON Press releases and articles

Helmholtz-Zentrum Dresden-Rossendorf (HZDR) issued a press release in German and in English on 30.08.2017 informing about the start of the project, its objectives and partners. The link to the press release can be found below:

<https://www.hzdr.de/db/Cms?pOid=52222&pNid=0>

The following magazines and websites subsequently informed about the project:

- Springer Professional / Bankmagazin (30.08.2017)
- Process Online (31.08.2017)
- Elektronikpraxis.de (05.09.2017)
- Elektrotechnik.de (04.09.2017)



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D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

- Pro-physik.de (01.09.2017)
- Chemie.de (01.09.2017)
- Bionity.com (01.09.2017)
- Silicon-saxony.de (30.08.2017)
- Elektroniknet.de (31.08.2017)
- Digital-manufacturing-magazin.de (01.09.2017)
- Autocad-magazin.de (01.09.2017)
- Inventor-magazin.de (04.09.2017)
- Win-verlag.de (04.09.2017)
- Chemeurope.com (01.09.2017)
- Analytica-world.com (01.09.2017)
- Phys.org (30.08.2017)
- Ecnmag.com (31.08.2017)
- Healthmedicinet.com (31.08.2017)
- At-aandrijftechniek.nl (01.09.2017)
- Dresdner Woche (14.09.2017)
- Produktion.de (08.11.2017)
- Elektronik-informationen.de (19.09.2017)
- Exxpo.com (15.01.2018)

Furthermore, a short article informing about the start of the project was published in the HZDR magazine Entdeckt in the 2<sup>nd</sup> edition of 2017. The Entdeckt magazine has a circulation of about 4,000 copies and the corresponding English magazine Discovered in which the article was also published has a circulation of about 1,500 copies. The target group for both magazines consists of journalists, scientists, funding institutions, industry partners and the interested public.

The article in English is displayed below:





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D7.3.	D24	WP7	CTH	Websites, patents etc.	28.08.2018

**OFF THE GROUND**

## Smart young talent for smart sensors

On 1 September, the Helmholtz-Zentrum Dresden-Rossendorf joined forces with twelve research institutes and 15 corporations from nine countries to launch the European training network TOMOCON (Smart Tomographic Sensors for Advanced Industrial Process Control). This platform will offer comprehensive doctoral training for a total of 15 junior researchers. The program is focused on developing new image-based measuring technologies to better control and regulate industrial processes. Thanks to ultrafast parallel data processing, they could act as sensors to control industrial facilities and machines in real time. Over the next four years, the European Union will support the international network to the tune of almost four million euros under its Marie Skłodowska-Curie Actions.



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Another article was also published in the December 2017 edition of the HZDR magazine Insider which has a circulation of around 700 copies. A link to the magazine can be found below:

<https://www.hzdr.de/db/Cms?pOid=55159>

The TOMOCON training network was also presented in a short article in the August 2017 Newsletter of ISIPT highlighting the project's objectives, partners and PhD opportunities for 15 doctoral candidates. A link to the newsletter can be found below:

[https://www.isipt.org/public/news/ISIPT\\_Newsletter\\_August\\_2017.pdf](https://www.isipt.org/public/news/ISIPT_Newsletter_August_2017.pdf)







Our 15 doctoral researchers are being trained in the fields of process tomography hardware, software and algorithms, control systems theory and design, industrial process design, multi-physics modelling and simulation, human-computer interaction, and massive parallel data processing. Together with their supervisors and industry partners they are engaged in multi-disciplinary research on various tomographic imaging modalities, tomographic image processing as well as advanced multi-physics modelling of processes, sensors and actuators. Proof-of-principle demonstrations of tomography-based process control are being foreseen for important industrial processes, such as inline fluid separation, microwave drying of porous materials, continuous steel casting and ultrasound-controlled crystallization.



For more information,  
visit the TOMOCON website:  
[www.tomocon.eu](http://www.tomocon.eu)



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## Smart Tomographic Sensors for Advanced Industrial Process Control



**A Marie Skłodowska-Curie  
European Training Network**



[www.tomocon.eu](http://www.tomocon.eu)

## Smart Tomographic Sensors for Advanced Industrial Process Control

With the most recent progress in fast data processing on smart scalable parallel hardware architectures imaging techniques have reached the capability of being employed as sensors in advanced real-time control systems. Process tomography techniques are of particular value as they can give insights into opaque process components and materials.

The European Training Network “Smart tomographic sensors for advanced industrial process control (TOMOCON)” joins 12 international academic institutions and 15 industry partners, who work together in the emerging field of industrial process control using smart tomographic sensors. The network shall lay the scientific and technological fundamentals of integrating imaging sensors into industrial processes and will demonstrate its functional feasibility on lab and pilot-scale applications.



## Academic Partners:

Helmholtz-Zentrum Dresden-Rossendorf  
(Germany, Coordinator)

Chalmers University of Technology (Sweden)

Delft University of Technology (The Netherlands)

Institut National Polytechnique de Toulouse  
(France)

Karlsruhe Institute of Technology (Germany)

Lappeenranta University of Technology  
(Finland)

Technical University of Liberec (Czech Republic)

Lodz University of Technology (Poland)

University of Bath (UK)

University of Eastern Finland (Finland)

Technische Universität Dresden (Germany)

Universidade Tecnológica Federal do Paraná (Brazil)



## Industry Partners:

Netrix S.A. (Poland)

Teletronic Rossendorf GmbH (Germany)

Rocsole Ltd. (Finland)

CERG Fluides S.A.S. (France)

Frames Group B.V. (The Netherlands)

Vötsch Industrietechnik GmbH (Germany)

Pinta Elements GmbH (Germany)

Primetals Technologies Austria GmbH  
(Austria)

Siemens AG (Germany)

Linde AG (Germany)

Total S.A. (France)

Tata Steel Nederland Technology B.V. (The Netherlands)

Shell Global Solutions International B.V.  
(The Netherlands)

DuPont Ltd. (Finland)

Sulzer Chemtech AG (Switzerland)





# INDUSTRIAL SENSORS & CONTROL



Courtesy of Rafał Garbacz

**26-28 September 2018**  
**Hotel Victoria\*\*\***  
**LUBLIN, POLAND**

- Sensors and actuators in robotics
- Optical and laser sensors
- Impedance sensors and app.
- Process analysis technologies
- Industrial data communication
- Control in Aerospace Engineering
- Fundamentals of control theory
- Soft computing/fuzzy control
- Industrial automation systems
- ✧ *Project management*
- ✧ *Teambuilding and comm. skills*
- ✧ *Dissemination & open science*

The teachers of the Summer School:

**Coen de Visser**, Delft University of Technology  
**Dirk Großerichter**, Linde  
**Elfed Lewis**, University of Limerick  
**Grażyna Budzińska**, Lodz University of Technology  
**Grzegorz Granosik**, Lodz University of Technology  
**Jacek Kucharski**, Lodz University of Technology  
**Jaroslav Hlava**, Technical University of Liberec  
**Johannes Hysky**, Pinta Elements  
**Jolanta Szczepaniak**, Lodz University of Technology  
**Lidia Jackowska-Strumiłło**, Lodz University of Technology  
**Małgorzata Rożniakowska**, Lodz University of Technology  
**Marco Da Silva**, UTFPR  
**Marcus Meyer**, Insys Icom  
**Yvonne Anne Pignolet**, ABB Corporate Research, Switzerland

Organization chairs:

**Laurent Babout**, Lodz University of Technology  
**Tomasz Rymarczyk**, Netrix

The event is funded by the European Union  
and is open to the public. Maximum capacity:  
100 participants

REGISTER AT:

[www.tomocon.eu](http://www.tomocon.eu)

Deadline: 31.08.2018





# TOMOCON

Smart Tomographic Sensors for  
Advanced Industrial Process Control

D7.3. Project Brochure-Flyer and Media Communication

Attachment 3: Powerpoint Template





# TOMOCON

Smart Tomographic Sensors for  
Advanced Industrial Process Control



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