



Grant Agreement no. 829010



**Call:** H2020-FETOPEN-2018-2020  
**Topic:** FETOPEN-01-2018-2019-2020  
**Type of Action:** RIA (Research and Innovation action)  
**Name of Lead Beneficiary:** CSIC, Spain  
**Project Start Date:** 1<sup>st</sup> of May 2019  
**Project Duration:** 48 months

## **DELIVERABLE 4.1:** *Website*

**Due date of Deliverable:** 30<sup>th</sup> of June 2019  
**Actual Submission Date:** 28<sup>th</sup> of June 2019  
**Responsible partner:** BNN  
**Report Author(s):** Jagersbacher S., Ladenhauf N.  
**Type<sup>1</sup>:** DEC  
**Dissemination Level<sup>2</sup>:** PU

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<sup>1</sup> **Type:** Use one of the following codes (in consistence with the Description of the Action):

- R: Document, report (excluding the periodic and final reports)
- DEM: Demonstrator, pilot, prototype, plan designs
- DEC: Websites, patents filing, press & media actions, videos, etc.
- OTHER: Software, technical diagram, etc.

<sup>2</sup> **Dissemination level:** Use one of the following codes (in consistence with the Description of the Action)

- PU: Public, fully open, e.g. web
- CO: Confidential, restricted under conditions set out in the Model Grant Agreement
- CI: Classified, information as referred to in Commission Decision 2001/844/EC

## **DELIVERABLE D4.1: *Website***

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## 1. DOCUMENT HISTORY

Version	Date	Authors/ who took action	Comment	Modifications made by
0.1	2019-06-19	S. Jagersbacher, N. Ladenhauf (BNN)	Interactive communication with the consortium	
0.2	2019-06-20	C. Sánchez Somolinos (CSIC)	Document reviewed by CSIC	
0.3	2019-06-25	S. Jagersbacher, N. Ladenhauf (BNN)	Review comments addressed by BNN	
1	2019-06-28	C. Sánchez Somolinos (CSIC)	Submitted to Commission	



## 2. DELIVERABLE DESCRIPTION

BNN is in charge of the creation of the project's public website: [www.prime-project.eu](http://www.prime-project.eu) (M1 – M48).

According to the grant agreement, a public website must be developed and updated to provide continuous information about the project. It will contain information about PRIME members, objectives and results at every stage, publications, and initiatives of communication & dissemination (C&D). It will be active for, at least, 2 years after the end of the project.

The website will be used as an immediate tool for project dissemination, with a particular section devoted to communication to the general public, where the research outcomes and impact will be communicated in plain language for general understanding. The website will also include a password protected area for PRIME partners only. This secure area will be used for internal communication only (internal documents such as the signed grant agreement, teleconferences, records from relevant exchanges, etc.) Partners have to register for the secure area and receive a password for login.



### 3. SUMMARY

BNN, CSIC and the advertising agency Uhl has fulfilled the following tasks in regard to the creation of a public website:

- Reservation of [www.prime-project.eu](http://www.prime-project.eu) by domain holder CSIC (CSIC)
- Exchange of information regarding webhosting for the PRIME website between webhost provider, CSIC and advertising agency (web space, hosting of the website on a web server of an Internet Service Provider) (BNN)
- The CMS of the PRIME website (content management system) was installed on a web host provided by CSIC (advertising agency) Preparation of the PRIME website structure and its content (BNN)
- Looking for images from image databases for the PRIME website (BNN)
- Looking for bids according to Austria procurement laws for the making of the screen design of the website and for programming and maintaining the website. (BNN)
- Commissioning an advertising agency with the creation of the screen design and programming of the website (<https://www.uhl-design.at>) (BNN)
- Several meetings with the commissioned advertising agency to discuss the screen design (structure, images, etc.) and the procedure (BNN)
- Interactive communication process with CSIC (BNN)
- Creation of the screen design of the website, processing of images and programming of PRIME website (advertising agency)



The PRIME website includes 8 main pages such as “Home”, “About the project”, “Beneficiaries”, “Events”, “Scientific results”, “Media & Downloads”, “Contact” and a “Restricted area” for Prime beneficiaries only.

The “Home”-page contains the title of the project, the acknowledgement and a reference to the project summary, the objectives and the beneficiaries. The page “About the project” includes a project summary and the project’s objectives. On the page “Beneficiaries” all six PRIME partners are listed with a description of their organisations and a CV of the main contacts. The page “Events” will include both internal (for PRIME partners only) and external events (organised by PRIME for the public). “Scientific results” will include scientific publications of PRIME beneficiaries. On the page “Media & downloads” newsletters, factsheets, posters, press releases and press articles, etc. will be published. The “Contact” page includes the contact information of the coordinator. Last but not least, the “Restricted area” is a password protected area for PRIME beneficiaries only for the purpose of internal communication (internal documents, records from relevant exchanges, etc.).

OVERVIEW of PRIME website - PRIME website is structured as follows:

- **Home**
- **About the Project**
  - Project summary
  - Objectives
- **Beneficiaries**
- **Events**
  - Internal events
  - Public events (*organized by PRIME*)
- **Scientific results**
  - Publications
- **Media & downloads**
  - Newsletter
  - Factsheet & Posters
  - Press Releases
  - Media
- **Restricted area** (*password protected area for beneficiaries only*)
- **Contact**



## 4. DOCUMENTATION

### Screen Design of the website:

Screenshot examples of the screen design of PRIME's website:



### Project summary

#### Advanced and versatile printing platform for the next generation of active Microfluidic devices

Microfluidic devices manipulate tiny amounts of fluid enabling cost-effective, fast, accurate and high throughput analytical assays. Progress in Microfluidics has huge impact in environmental pollution monitoring, bio-hazard detection and biomedicine, contributing to the development of new tools for drug screening, biological studies, point-of-care diagnostics and personalized medicine. Despite this huge potential, Microfluidics market growth is heavily constrained by the complexity and high prices of the required large-scale off-chip equipment and its operational cost. PRIME will implement and integrate through additive manufacturing technologies smart valves and pumps in a microfluidic chip. Besides inkjet printing will be used to produce new ultra sensitive and selective sensors embedded in the chip and readable with light. The final device will be remotely addressed and read using simple photonic elements that can be integrated in compact, portable and cheap operation/read devices.



### Objectives

PRIME aims to go beyond the state-of-the-art generating a robust platform to create a new generation of active, tubeless and contactless microfluidic chips effectively changing the currently established paradigm. PRIME will develop a radically new platform that: i) integrates all the required responsive materials and elements in the chip, effectively providing it with all the fluidic and sensing functions, ii) uses compatible materials and manufacturing technologies making future industrial production viable and cost-effective, iii) allows to implement with extensive freedom of design a plethora of new smart-integrated and easy-to-operate microfluidic chips.



PRIME has received Funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 829010






## Beneficiaries

PKM	PARTICIPANT	PARTICIPANT ORGANIZATION NAME	COUNTRY	WEBSITE
1	Dr. Carlos Sánchez-Somolinos (Coordinator)	Agencia Estatal Consejo Superior de Investigaciones Científicas - CSIC	Spain	
2	Dr. Albert Schenning	Eindhoven University of Technology - TUE	Netherlands	
3	Dr. Carl Meier	Max Planck Institute - MPI	Germany	
4	Dr. Luis Fernández	Universidad de Zaragoza - UZ	Spain	
5	Andreas Falk, MSc.	BioNANO Forschungsgesellschaft mbH - BNN	Austria	
6	Dr. Rosa Murga	BeoChip - BOC	Spain	

## PARTICIPATING ORGANIZATIONS AND MAIN CONTACTS


**(1) AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS - CSIC**



The CSIC is the largest public institution dedicated to research in Spain and the third largest in Europe. Its mission is to foster multidisciplinary scientific and technological research, transfer knowledge to industry and society, train of scientific and technical staff and create technological spin-offs and companies. The CSIC has 123 institutions spread across Spain, 53 of which are Joint Research Centres in partnership with universities or research institutions, covering different S&T areas. CSIC produces 20% of the Spanish scientific output and remains the leading patent file among research bodies.

CSIC's participation in this project involves the Instituto de Ciencia de Materiales de Aragón (ICMA), a Joint Research Centre founded in 1985 between the CSIC and the University of Zaragoza. ICMA is located in Zaragoza (Spain) and hosts around 180 staff, including 120 doctors. ICMA's main research areas are laser processing and materials for energy applications, functional organic materials, magnetic materials, materials for biological applications, and theory and simulation in Materials Science.

<http://www.csic.es/>



**DR. SÁNCHEZ-SOMOLINOS**, coordinator of the PRIME project, is currently a Senior Scientist of the CSIC and Deputy Director (since 2011) at ICMA. He heads the Advanced Manufacturing Laboratory at ICMA. His expertise and current scientific objectives are focused on the development of materials and their processing through the use of advanced techniques of microstructuring (photographic lithography, direct laser writing, soft lithography, inkjet and 3D4D printing) in the search of surface or functional systems of interest in the areas of optics, biomedicine and soft robotics. He has published more than 75 papers in internationally recognized journals, and 4 book chapters. His work has been featured in the cover of Advanced Functional Materials, Small, Macromolecular Bioscience and Journal of Polymer Science, Polymer Chemistry. He is co-inventor in 17 patents, almost all of them with industry as co-proprietary and one of them leading to the formation of a spin-off company. Very much focused on the transfer of technology, he has undertaken lines of research in the functionalization of surfaces in direct collaboration with industries (Boach - AGI Spain, and Dupont Lightsource). He has previously participated in three EU projects, one of them as a PI at CSIC (FP7 SME 2012, ID: 326636), and has led several National and Regional research projects, some of them fully financed by industry.

**(2) EINDHOVEN UNIVERSITY OF TECHNOLOGY - TU/e**

**(3) MAX PLANCK INSTITUTE - MPI**

**(4) Universidad de Zaragoza - UZ**

**(5) BioNanoNet Forschungsgesellschaft mbH - BNN**

**(6) BeoChip - BOC**



## Internal events

### Kick-Off Meeting

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 **ZARAGOZA, SPAIN**  
Faculty of Medicine), UZ, C/ Domingo Miral s/n, 50009 Zaragoza

 **27.-28.05.2019**



## Public events

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 **National Institute for Public Health and the Environment**  
P.O.Box 1 | 3720 BA Bilthoven  
The Netherlands

 **30.&31.03.2019**



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## D4.1 Website



### Scientific results

Publications published soon.



### Newsletter

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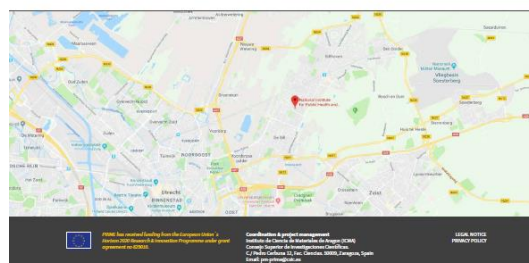
### Contact

#### PRIME COORDINATOR AND PROJECT MANAGEMENT

Dr. Carlos Sánchez-Somolinos (CSIC)  
Email: pm-prime@csic.es

Instituto de Ciencia de Materiales de Aragón (ICMA)  
Consejo Superior de Investigaciones Científicas  
C/ Pedro Cerbuna 12, Fac. Ciencias. 50009, Zaragoza, Spain

[LEGAL NOTICE](#)  
[PRIVACY POLICY](#)



### Restricted area

**Beneficiaries Area**

Remember Me ☐

[Forgot Login?](#) [Sign up](#)



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## 5. CONCLUSIONS

The website was launched on 16<sup>th</sup> of June 2019. We are working on its development and maintenance within task 4.1.

