
FP7-OCEAN-2013.3

Grant Agreement Number 614034

SEAFRONT

Synergistic Fouling Control Technologies

Deliverable 7.1: project website

www.seafront-project.eu

Delivery date: M2 (February 28th 2014)



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1 Introduction

This report concerns the completion of deliverable 7.1: project website of SEAFRONT (GA 614034). The project website of EU project SEAFRONT has been built by WP7 leader Dutch Polymer Institute (DPI) and runs under its supervision at a separate DPI server. The project website will be maintained by the project office of SEAFRONT at coordinator DPI. Consortium partners can request project office to upload documents, photographs, minutes of meetings, events, publications, press releases, trade fairs, legal documents, contact details of various legal bodies and other information on the project website. The project website is divided into two parts: a public part accessible for the public at large containing all public information and a project confidential part accessible only by partners of the SEAFRONT consortium using their loginname and personal password.

All webpages contain the FP7 logo and the statement 'Research Area: FP7-OCEAN2013.3 'Innovative antifouling materials for maritime applications'. Project under Grant Agreement nr. 614034' compliant with the rules and regulations of the European Commission.

Research Area: FP7-OCEAN-2013.3 'Innovative antifouling materials for maritime applications'.
Project under Grant Agreement nr. 614034



The next chapters will elaborate in more detail about the content of the public and confidential parts of the website.

2 Partners involved

2.1 Home page

The home page of the SEAFRONT website shows the public summary of the EU project and a photograph of all consortium partners present at the kick-off meeting at International Paint, Newcastle (16-17 January 2014). The home page contains the following menu items: News, Events, Partners, Publications and Contact, which all will be described in more detail in the next paragraphs.



Search...

LOGIN FORM

User Name

Password

Remember Me

[Forgot your username?](#)
[Forgot your password?](#)

You are here: Home

The project

Marine biofouling, the unwanted colonization of marine organisms on surfaces immersed in seawater has a huge economic and environmental impact in terms of maintenance requirements for marine structures, increased vessel fuel consumption, operating costs, greenhouse gas emissions and spread of non-indigenous species. The SEAFRONT project will aim to significantly advance the control of biofouling and reduce hydrodynamic drag by integrating multiple technology concepts such as surface structure, surface chemistry and bio-active/bio-based fouling control methodologies into one environmentally benign and drag-reducing solution for mobile and stationary maritime applications. In parallel, a combination of laboratory-based performance benchmarking and end-user field trials will be undertaken in order to develop an enhanced fundamental/mechanistic understanding of the coating-biofouling interaction, the impact of this on hydrodynamic drag and to inform technology development and down-selection of promising fouling control solutions. This project aims to facilitate a leap forward in reducing greenhouse gas emissions from marine transport and the conservation of the marine ecosystem by adopting a multidisciplinary and synergistic approach to fouling control.

UPCOMING EVENTS

- 04 Tue Mar 04 @09:00AM - 05:00PM
MAR [European Coatings Conference - Marine Coatings](#)
- 05 Wed Mar 05 @09:00AM - 05:00PM
MAR [European Coatings Conference - Marine Coatings](#)



This photo was taken during the kick-off meeting on 16 and 17 January 2014.

Dutch Polymer Institute International Paint Ltd Fraunhofer IFAM I-Tech AB University of Newcastle upon Tyne Minesto AB	Solvay Specialty Polymers Delft University of Technology Eindhoven University of Technology University of Bristol Val FoU Biotrend BioLog	University of Gothenburg Bio-On Bluewater Energy Services Smartcom Software Solintel Hapag Lloyd
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2.2 News

The item News shows all news released in public and scientific media in order to raise public awareness about the achieved results of the project and their potential impact on the future formulation and application of fouling control coatings. The News page contains a link to press

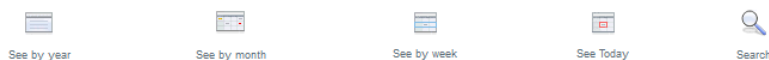
releases of the SEAFRONT project. Finally, the 6-monthly newsletter of SEAFRONT will appear under the item *News*.

2.3 Events

The item *Events* contains public events, among others workshops, international conferences, trade fairs, about antifouling coatings. The visitor can choose between See by year, See by month, See by week, See Today and Search.

You are here: [Home](#) » Events

Events Calendar



Monthly View						March 2014	
February		March 2014			April		
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
24	25	26	27	28	1	2	
3	4 European Coatings Conference - Marine Coatings	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31	1	2	3	4	5	6	

Clicking on the event provides more background information such as link to the website of the public event and contact e-mail. The information can be accessed when clicking on the link of the event shown in the right column 'Upcoming Events' of the home page.

You are here: [Home](#) ▶ [Events](#) ▶ European Coatings Conference - Marine Coatings

Events Calendar



See by year



See by month



See by week



See Today



Search

European Coatings Conference - Marine Coatings

From Tuesday, 04 March 2014
To Wednesday, 05 March 2014

by Dr. John van Haare

Hits : 8

www.european-coatings.com

Location : Hotel Nikko Düsseldorf, Immermannstrasse 41, D-40210, Düsseldorf
Contact : julia.wattenbach@vincenz.net

[Back](#)

2.4 Partners

The item *Partners* is a pull down menu for selecting a specific partner of the SEAFRONT consortium. Each partner page contains general information of the specific partner and clicking on the logo forwards one straight to the website of the specific company/institute/university group. An example of general information of International Paint is shown below.

You are here: [Home](#) ▶ [Partners](#) ▶ International Paint

International Paint



International Paint (IP), part of the world's largest paints and coatings company AkzoNobel, is the global technology leader in antifouling paints, abrasion resistant coatings, ballast tank coatings and fouling release systems and is the world market leader in heavy duty coatings for shipbuilding and repair, the largest manufacturer of high-performance protective coatings for building construction and maintenance and the leading supplier of yacht paints, all supported by intensive R&D. Research on antifouling and fouling release coatings in IP's Technology Centre is a multidisciplinary activity, and IP employs some 450 dedicated R&D staff with extensive expertise in polymer chemistry, surface science, marine biology, materials performances, formulation and test method development. IP's laboratory and test facilities in Felling, UK, are state-of-the-art and include the latest equipment for the design, formulation and testing of mechanical, rheological and surface properties of coatings together with the benchmarking and analysis of biofilm and biofouling deterrence and release properties.

2.5 Publications

The item *Publications* contains submenu items *Press releases* and *Scientific publications*. The press releases page contains links to articles published in press media about the launch and results of the SEAFRONT project. The Scientific publications page will contain references of scientific publications, including title and authors, about results of the SEAFRONT project (<http://seafront-project.eu/publications/scientific-publications>). The scientific publications cannot be downloaded from the public website, because the copyright belongs to the scientific journal and not anymore to the authors of the publication.

LOGIN FORM

You are here: [Home](#) » [Publications](#) » Press releases

User Name

Password

Remember Me

[Forgot your username?](#)

[Forgot your password?](#)

Press releases

[Flyer The Ocean of Tomorrow Projects \(2010-2013\) - Joint Research Forces to Meet Challenges in Ocean Management](#)

[Eindhovens Dagblad \(10 January 2014\)](#)

[Kunststof en Rubber \(10 January 2014\)](#)

[Kunststof Magazine \(13 January 2014\)](#)

[Agro en Chemie \(14 January 2014\)](#)

[Duurzaam Geproduceerd \(14 January 2014\)](#)

[MVO Nederland \(January 2014\)](#)

[Coatings World \(5 February 2014\)](#)

2.6 Contact

The item *Contact* shows the contact details of the coordinator John van Haare (Dutch Polymer Institute). Additionally, it contains a user friendly contact form for communication with the public at large and can be used to register for receiving SEAFRONT newsletters. All e-mails sent from the contact page will be received by the SEAFRONT project coordinator.

You are here: [Home](#) ▶ Contact

Dr. John van Haare

Contact

Coordinator EU SEAFRONT project



*Dutch Polymer Institute
John F. Kennedylaan 2
5612 AB, Eindhoven, Netherlands*



0031-402475295



0031-402472462



0031-651861798

<http://www.polymers.nl>

Contact Form

Send an email. All fields with an * are required.

Name *

Email *

Subject *

Message *

Send copy to yourself

3 Project confidential part of the website

3.1 Access to the project confidential part of the website

Members of the SEAFRONT consortium received a User Name and Password to access the project confidential part of the SEAFRONT website. The prime contact persons of the project partners can request the project office to send a new User Name and Password for a new participant of the consortium. The requests are logged for tracing back by the coordinator. Additionally, project office can monitor and control who, when and how often a member accesses the project confidential part of the website.

Finally, the confidential part offers the opportunity for all users to change their own User Name and Password by clicking on *Your Profile* after login. This tool reduces the burden of the website master to maintain User Names and Passwords for the many users SEAFRONT has.

LOGIN FORM

User Name

Password

 Remember Me[Forgot your username?](#)[Forgot your password?](#)

USER MENU

LOGIN FORM

Hi John van Haare,

3.2 Consortium contacts.

When the item *Consortium contacts* is selected in the project domain menu, members can access the contact details of the prime contact persons of the partners (Contact persons), the members of the Executive Board, the members of the Exploitation and Dissemination Board, the members of the General Assembly including proxies. All contact details of the various bodies can be downloaded as pdf and excel files.

PROJECT DOMAIN

- Consortium Contacts
- Contact persons
- Executive Board
- Exploitation and Dissemination Board
- General Assembly
- Deliverables
- Dissemination and exploitation
- Documents
- Meetings
- Time planning
- Request for a WebEx meeting

LOGIN FORM

Hi John van Haare,

You are here: [Home](#) > [Consortium Contacts](#) > Contact persons

Contact persons

You can download a PDF version [here](#) and a Excel version [here](#).

Short name	Name	Contact person
DPI	Stichting Dutch Polymer Institute John F. Kennedylaan 2 5612 AB Eindhoven Netherlands	John van Haare E: j.v.haare@polymers.nl T: 0031-402475295 M: 0031-65 1861798
IP	International Paint Marine & Protective Coatings Stoneygate Lane NE10 0JY Felling (Gateshead) United Kingdom	Clayton Price E: clayton.price@akzonobel.com T: 0044-1914012455
Fraunhofer	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V. Wiener Str. 12 28359 Bremen Germany	Dorothea Stübing E: dorothea.stuebing@ifam.fraunhofer.de T: 0049-4212246442

3.3 Deliverables

The item *Deliverables* contains an overview of all deliverables of SEAFRONT ranked by work package. Details of the overview include Lead Beneficiary, Nature, Dissemination Level and Delivery Date. The pull down menu contains a subtab which provides an overview of all *Deliverables submitted* including links for downloading the submitted and approved deliverables. The *Deliverables submitted* will be synchronized with the EC Participants Portal SESAM by the project office.

PROJECT DOMAIN

- Consortium Contacts
- Deliverables
- Deliverables submitted
- Dissemination and exploitation
- Documents
- Meetings
- Time planning
- Request for a WebEx meeting

LOGIN FORM

Hi John van Haare,

You are here: [Home](#) > Deliverables

Deliverables



You can download a PDF version of this overview [here](#).

Number	Deliverable name	WP no.	Lead beneficiary number	Nature	Dissemination level	Delivery date
D1.1	Production of textured coatings/foils and delivery to other partners.	1	3	P	CO	24
D1.2	Report on hydrodynamic performance of provided specimens of WP1.1	1	8	R	CO	36
D1.3	Delivery of films possessing LCST/UCST for evaluation of anti-biofouling activity.	1	5	P	CO	12
D1.4	Delivery of glass slides possessing LCST/UCST for evaluation of anti-biofouling activity.	1	5	P	CO	24

3.4 Dissemination and exploitation

The pull down menu of *Dissemination and exploitation* contains two submenus: *Patents* and *Publications*. The Patents page will show an overview of all patents filed by partners of the

SEAFRONT project. The text of the priority filed patent can be downloaded and improved versions of the patent will be uploaded. The Publication page will show an overview of all scientific publications published in international scientific journals and proceedings of conferences as well as presentations and posters presented by SEAFRONT members at international scientific conferences. Finally, different versions of the Exploitation and Disseminations plan will be uploaded directly on the Dissemination and exploitation webpage.

3.5 Documents

The tab *Documents* contains the following submenus:

- *Downloads* provides the opportunity to download project related documents and files frequently used by partners of SEAFRONT like templates of deliverables and presentations, logo of SEAFRONT, a public presentation of SEAFRONT, and a PowerPoint slide with all logos of partners involved.
- *EC contract documents* shows download links to Grant Agreement, Description of Work (Annex I), legal data of partners and instructions/guidelines provided by the European Commission.

The screenshot shows a navigation menu on the left with the following items: Consortium Contacts, Deliverables, Dissemination and exploitation, Documents (highlighted in green), Downloads, EC contract documents (highlighted in green), GA and EB meetings, Legal documents, and Reading materials. The main content area is titled 'EC contract documents' and contains a 'General:' section with links for 'Grant Agreement', 'Description of Work', and 'Partners involved'. Below this is a 'Notes from the European Commission:' section with links for 'How to avoid common errors identified in cost claims' and 'FP7 project management: the most frequent errors'. There are also icons for printing, email, and social media in the top right corner.

- *GA and EB meetings* contains links for downloading agendas and minutes of all General Assembly and Executive Board meetings. The agendas and minutes of the Executive Board meetings are accessible for all partners facilitating a transparent and open communication within the project.
- *Legal documents* contains the link to the Consortium Agreement (CA) and agreed amendments to the CA.
- *Reading materials* contains links to review articles and background information of different topics and disciplines explored in SEAFRONT. The reading materials should facilitate members of SEAFRONT to educate themselves on related topics of the project for which they do not consider themselves as experts. Because SEAFRONT is a highly multidisciplinary project, it is of vital importance to update the reading materials regularly in order to keep the knowledge level of members up to the state-of-the-art in the field.

3.6 WP folders

The tab *WP folders* contains submenus for every WP in order to share data, documents, test results and minutes of specific WP meetings between partners involved in the WP. All WP folders are accessible to all partner to stimulate information sharing across various WPs. Currently the project office of the coordinator maintains the content of the WP folders upon instructions of the WP leaders, but eventually WP leaders will receive the right to upload data, documents, test results and minutes of WP meetings straight to their specific WP folder.

PROJECT DOMAIN

You are here: [Home](#) » [WP folders](#)

- [Consortium Contacts](#)
- [Deliverables](#)
- [Dissemination and exploitation](#)
- [Documents](#)
- [WP folders](#)**
- [WP1 folder](#)
- [WP2 folder](#)
- [WP3 folder](#)
- [WP4 folder](#)
- [WP5 folder](#)
- [WP6 folder](#)
- [WP7 folder](#)
- [WP8 folder](#)
- [Meetings](#)
- [Time planning](#)
- [Request for a WebEx meeting](#)

WP folders



3.7 Meetings

The tab *Meetings* contains an overview of all project meetings scheduled. Furthermore, for each meeting occurred, a deep link provides all partners access to presentations, minutes, reports of breakout sessions and additional background information.

- exploitation
- Documents
- Meetings
- Project kick-off meeting - 16 and 17 January 2014
- Time planning
- Request for a WebEx meeting

USER MENU

- Your Profile

LOGIN FORM

Hi John van Haare,

Log out

Dissemination and exploitation

Documents

Meetings

Project kick-off meeting - 16 and 17 January 2014

Time planning

Request for a WebEx meeting

USER MENU

Your Profile

LOGIN FORM

Hi John van Haare,

Log out

Type of meeting	Hosted by	Dates
Project kick-off + GA + EB	International Paint	16 – 17 January 2014
Executive Board	Teleconference (max. 2 hours)	7 April 2014 – 16:00 CET
First project progress + GA + EB	Fraunhofer IFAM Bremen	26 - 27 June 2014
Executive Board	Teleconference (max. 2 hours)	6 October 2014 – 16:00 CET
Second project progress + GA + EB	University of Newcastle?	15-16 January 2015
Executive Board	Teleconference	
Third project progress + GA + EB	University of Gothenburg?	Last week of June 2015
Executive Board	Teleconference	
Midterm project progress + GA + EB	Dutch Polymer Institute at Brussels	Second week of January 2016
Executive Board	Teleconference	
Fifth project progress + GA + EB	Solvay Specialty Polymers Italy	Last week of June 2016
Executive Board	Teleconference	
Sixth project progress + GA + EB		Second week of January 2017
Executive Board	Teleconference	
Seventh project progress + GA + EB		Last week of June 2017
Executive Board	Teleconference	
End of project progress + GA + EB		First week of December 2017

Project kick-off meeting:

- [Program](#)
- [List of participants](#)
- [Handout & Supplement](#)

Presentations:

- [State-of-the-Art in Fouling Control Technology - A Rationale for the SEAFRONT Project](#)
- [Outline of the SEAFRONT project \(614034\)](#)
- [Governance, reporting, intellectual property and publications](#)

Breakout sessions:

- [WP1: Surface structure-based biofouling control strategies](#)
- [WP2: Surface chemistry based biofouling control technologies](#)
- [WP3: Bio-based and bio-active biofouling control technologies](#)
- [WP4: Characterisation, fundamental understanding & performance prediction](#)
- [WP5: Benchmarking and performance monitoring in situ](#)
- [WP6: Full scale in-situ demonstration](#)

Feedback sessions:

- [WP1: Feedback session](#)
- [WP2: Feedback session](#)
- [WP3: Feedback session](#)
- [WP4: Feedback session](#)
- WP5: Feedback session
- WP6: Feedback session

General Assembly meeting:

- [Agenda](#)
- [Minutes](#)

Executive Board meeting:

- [Agenda](#)
- [Minutes](#)

3.8 Time planning

The tab *Time planning* contains the Gantt chart of the SEAFRONT project and a submenu showing all the 6-monthly progress reports and Periodic Reports.

3.9 Request for a WebEx meeting

The tab *Request for a WebEx meeting* facilitates partners to fill out the form for requesting a teleconference using the WebEx conference tool provided by coordinator DPI. All partners can request to setup a WebEx meeting (audio and sharing of screens) for the purpose of the SEAFRONT project, which will be hosted by the coordinator to facilitate smooth, effective and easy communication between partners saving time and no need to travel. The costs of WebEx meetings are taken by the coordinator.

If you would like to schedule a WebEx meeting, please fill in the form below and submit it. A short instruction on how to connect to a WebEx meeting, can be found [here](#).

Topic meeting *

Date *

Time *

Duration *

Name host *

E-mail address host *

E-mail addresses of all attendees (seperated by , or ;) *

Extra information

...

...

3.10 Project calendar

When a user has logged in to the project confidential part of the website and ticks the Home button, the right column of the home page will show all public and consortium related events. When an event is ticked, more detailed information is provided such as website for more information, e-mail address of the contact person, location and time of the meeting. Users do not have to switch between public and consortium related events when they are logged in. Past

events will be hidden and events will be shown in upcoming events six months in advance or to a maximum of 20 events.

UPCOMING EVENTS

- 04
MAR

 Tue Mar 04 @09:00AM - 05:00PM
[European Coatings Conference - Marine Coatings](#)
- 05
MAR

 Wed Mar 05 @09:00AM - 05:00PM
[European Coatings Conference - Marine Coatings](#)
- 07
APR

 Mon Apr 07 @04:00PM - 05:00PM
[Executive Board meeting](#)
- 26
JUN


[First project progress meeting](#)
- 27
JUN


[First project progress meeting](#)
- 27
JUN


 Fri Jun 27 @01:00PM - 02:00PM
[General Assembly meeting](#)
- 27
JUN


 Fri Jun 27 @02:00PM - 03:00PM
[Executive Board meeting](#)


Events Calendar


See by year


See by month


See by week


See Today


Search

European Coatings Conference - Marine Coatings

From Tuesday, 04 March 2014 To Wednesday, 05 March 2014 by Dr. John van Haare Hits : 12

www.european-coatings.com

Location : Hotel Nikko Düsseldorf, Immermannstrasse 41, D-40210, Düsseldorf
Contact : julia.wattenbach@vincentz.net

[Back](#)

4 Conclusions

Deliverable 7.1 ‘project website’ has been completed according to the description of Annex I of the Grant Agreement of SEAFRONT. The project website is live and will be maintained actively during the course of the EU project. The website provides public information by showing the public abstract, news and future newsletters, short description of the partners involved, press releases, public output of results and a contact page. The project confidential part contains all information for partners involved to perform their work according to Annex I of the Grant Agreement and allows them to effectively and smoothly communicate with each other. The project team is confident that the website will facilitate an intimate collaboration between partners and will act as an excellent tool to raise public awareness on the economic and environmental impact of fouling control coatings for different applications in the aquatic environment.

Approved by General Assembly of SEAFRONT

Date: February 27th 2014