



# ENCOURAGE

**Embedded iNtelligent COntrols for bUildings with Renewable generAtion and storaGE**

**Grant Agreement No.: 269354**

## D8.1 – ENCOURAGE Website

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1.0	20 December 2011	C. Fonseca Holmene (AAU)	Final



## Executive Summary

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The main scope of this document is to have an overview regarding the creation of the homepage for the ENCOURAGE project.

This deliverable is based on the ENCOURAGE website. Please visit <http://encourage-project.eu/>. The report touches upon the content of both the public and the private area of the website, but mainly the public area as this is the area that is part of the ENCOURAGE dissemination strategy. The report contains an overview of the information available on the website. The deliverable contains both text and screen dumps.



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# 1 Introduction

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This deliverable – D8.1 ENCOURAGE Website – contains information on the text available on the ENCOURAGE website. The deliverable focuses on the folders and the content of each folder. As is written in the abstract, the deliverable is mainly concentrated on the public area. This is the area available to the public, and for that reason the area that is important when it comes to the ENCOURAGE dissemination strategy which the website is an important part of.

The public area section includes an overview of the folders available on the public area, i.e. About ENCOURAGE, Partners, Work Packages, Dissemination (Public Deliverables, Dissemination material, Press Releases, Presentations, Publications), News and Events, Links, Contacts and ENCOURAGE login.

The private area description contains a brief overview of the folders available on the private area, i.e. ENCOURAGE administration, Work packages, meetings, deliverables, templates, etc.

The deliverable is a mixture of text and screen dumps.



## 2 ENCOURAGE Website

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The ENCOURAGE website – <http://encourage-project.eu/>– is divided into two areas, i.e. the public area and the private area. Please find in section 3.1 an overview of the content of the public area, and in section 3.2 and overview of the private area (repository).

It is the responsibility of all partners to assist and to supply information and documentation to the management team for keeping the webpage continuously updated. The website is primarily used for all finalized documentation and for communication purposes.

### 2.1 Public area

The ENCOURAGE homepage has been created for public dissemination (<http://encourage-project.eu/>). As it is written earlier in this report, the public area of the website is a highly important tool of the ENCOURAGE dissemination strategy and efforts. It will be continuously updated in order to continue to provide to the visitors the most recent and updated information.

The public area is used for dissemination purposes for the general public with the aim to:

- Present an overview of the project and its partners
- Present to the public the ENCOURAGE project results via the uploaded papers, presentations, and public deliverables
- Provide visitors with an overview of the most relevant events within the research area of ENCOURAGE
- Present press releases
- Enable visitors outside the immediate community of the project to contact relevant partners and to obtain further information about the project
- Present publishable deliverables and results
- Inform the public about upcoming events in the project

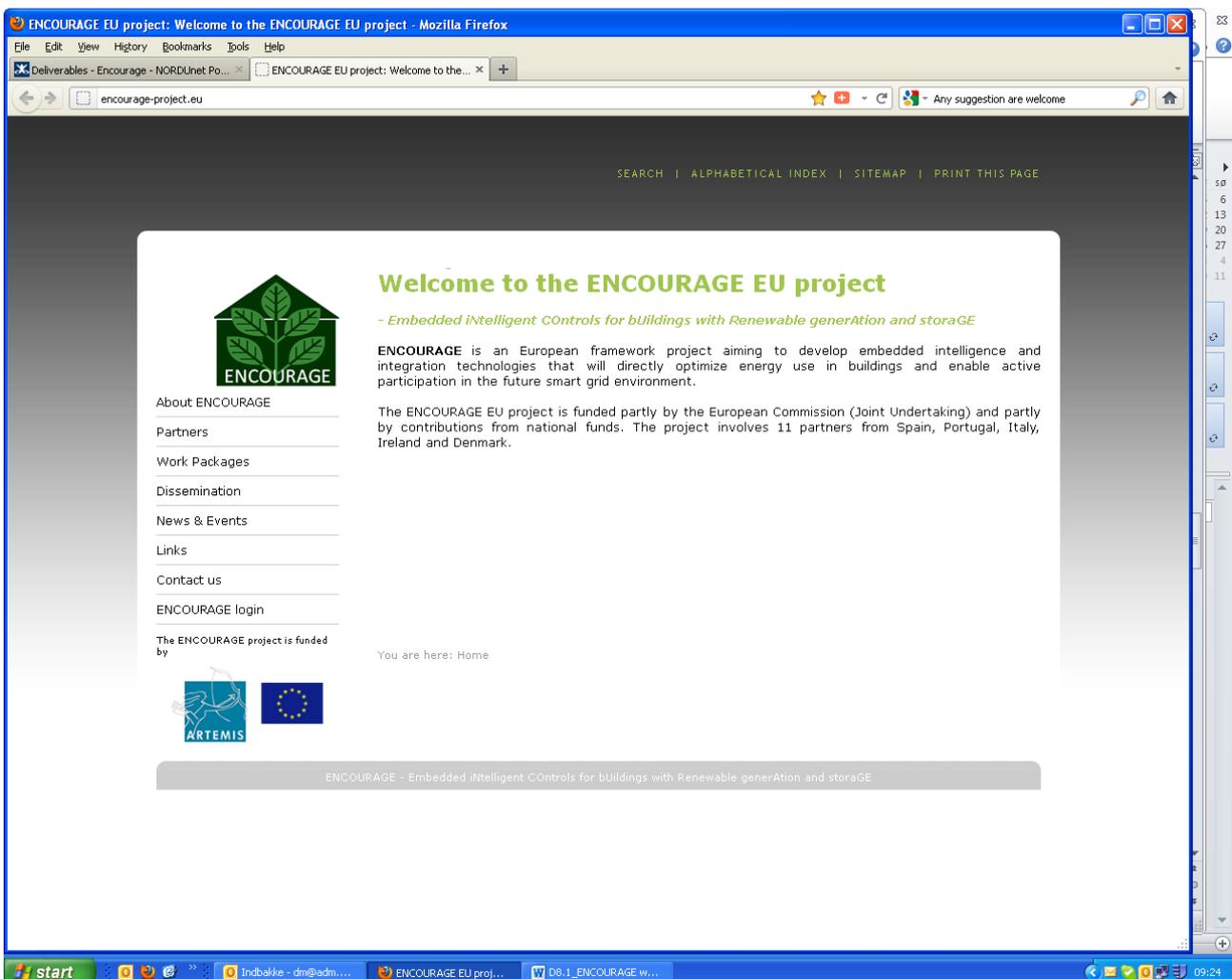
#### 2.1.1 Welcome to the ENCOURAGE EU Project

The ENCOURAGE website contains a short introduction to the project and an overview of all folders available on the website, i.e.

- About ENCOURAGE
- Partners



- Work Packages
- Dissemination (Public Deliverables, Dissemination material, Press Releases, Presentations, Publications)
- News and Events
- Links
- Contacts
- ENCOURAGE login.





For information about what the specific folders contain, please see below sections 3.1.2 to 3.1.9

## 2.1.2 About ENCOURAGE

The About ENCOURAGE folder gives a general and overall introduction to the ENCOURAGE project. ENCOURAGE facts are present on this page. Please visit the website for a full overview.

ENCOURAGE EU project: About ENCOURAGE - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Deliverables - Encourage - NORDUnet Po... ENCOURAGE EU project: About ENCOUR...

encourage-project.eu/en/about\_encourage/

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ENCOURAGE

• About ENCOURAGE

Partners

Work Packages

Dissemination

News & Events

Links

Contact us

ENCOURAGE login

The ENCOURAGE project is funded by

### About ENCOURAGE

The ENCOURAGE project aims to develop embedded intelligence and integration technologies that will directly optimize energy use in buildings and enable active participation in the future smart grid environment. The desired energy savings will be achieved in three complementary ways.

Firstly, by developing **supervisory control strategies** that will be able to coordinate larger subsystems (HVAC, lighting, renewable energy generation, thermal storage, etc) and orchestrate operation of the numerous devices in such systems. The energy use will be optimized as a trade-off between occupants comfort, energy costs and environmental impact while considering people's habits, weather conditions, characteristics of appliances, local generation and storage capacities and market conditions.

Secondly, through an **intelligent gateway** with embedded logic supporting inter-building energy exchange. This brokerage agent will communicate directly with other buildings and local producers to negotiate possible use of the electricity produced locally in their premises.

And thirdly, by developing novel **virtual sub-metering technologies and event-based middleware applications** that will support advanced monitoring and diagnostics concepts. Systematic performance monitoring will ensure the achieved savings are sustained over long period of time without being degraded by deteriorated performance of both mechanical equipment and the monitoring and control system itself.

The primary application domains are non-residential buildings and campuses, but the project has relevancy also to residential buildings and neighbourhoods. This will be expressed through several demonstrators comprising public and private office buildings, campus buildings, and private homes. ENCOURAGE aims to achieve 20% of energy savings through the improved interoperability between various types of energy generation, consumption and storage devices; inter-building energy exchange; and systematic performance monitoring.

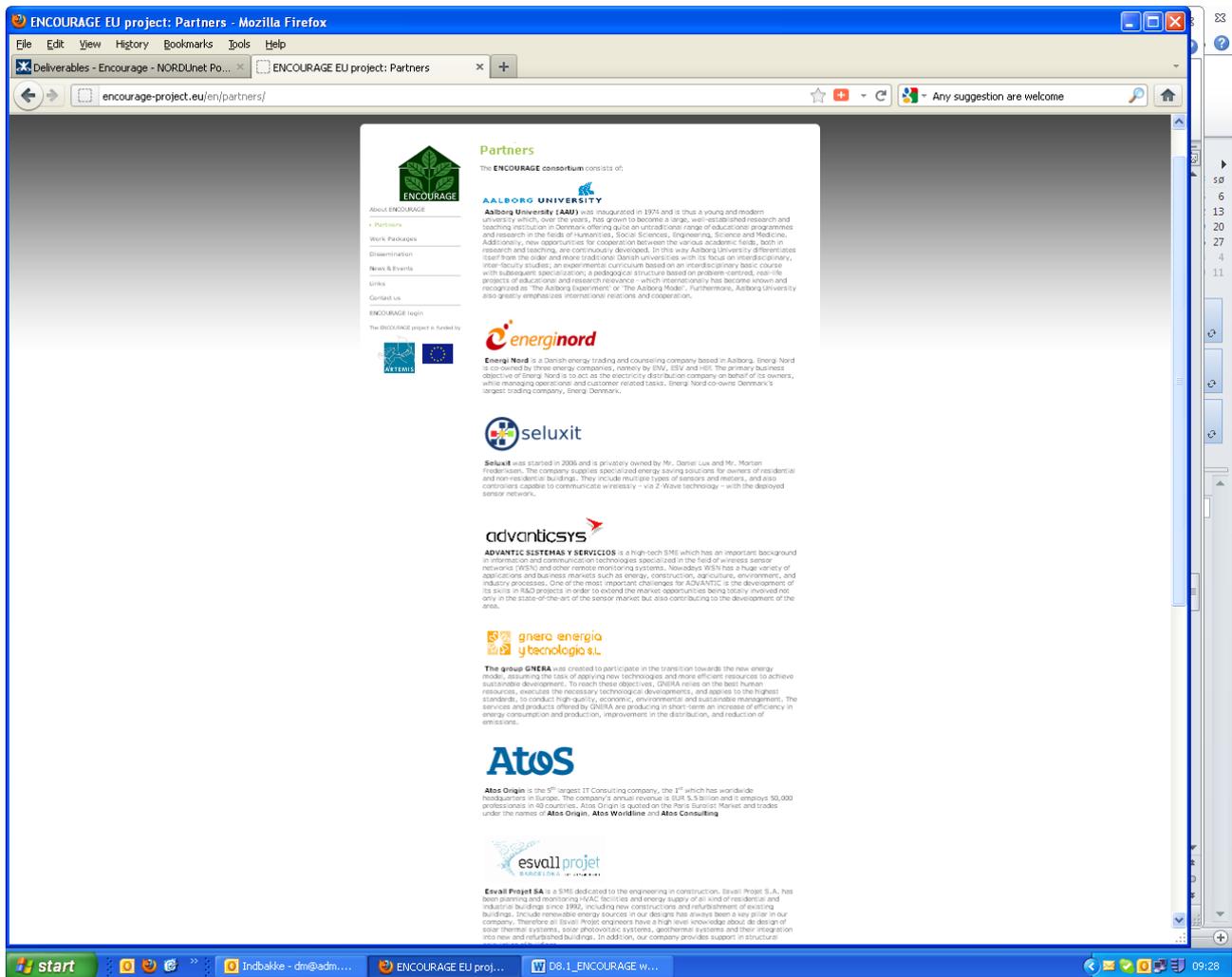
**ENCOURAGE Facts:**  
Project Duration: 36 months  
Start date: June 1, 2011  
Total Costs: 6,37 million EUR  
National Funding: 1,76 million EUR  
JU contribution: 1,06 million EUR

For further details on ENCOURAGE project activities please check:  
[encourage\\_presentation.pdf](#) (556 KB)



### 2.1.3 Partners

The Partners folder contains a full list of ENCOURAGE partners including also the logo, link and a short description for each partner.





## 2.1.4 Work Packages

This folder lists all the ENCOURAGE Work Packages.

ENCOURAGE EU project: Work Packages - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Deliverables - Encourage - NORDUnet Po... ENCOURAGE EU project: Work Packages

encourage-project.eu/en/work\_packages/

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ENCOURAGE

About ENCOURAGE

Partners

Work Packages

Dissemination

News & Events

Links

Contact us

ENCOURAGE login

The ENCOURAGE project is funded by



ARTEMIS

### Work Packages

The project has been structured into 8 different Work Packages:

- WP1 – Project Management
- WP2 – System Requirements and Architecture
- WP3 – Sub-metering and Building Networks
- WP4 – Smart Abstraction Middleware and Cloud Based Services
- WP5 – Supervisory Control Strategies
- WP6 – Energy Brokerage and Business Intelligence
- WP7 – Integration and Demonstration
- WP8 – Exploitation, Standardisation, Dissemination

You are here: Home > Work Packages

ENCOURAGE - Embedded Intelligent Controls for Buildings with Renewable generation and storage

start | Indbakke - dm@adm... | ENCOURAGE EU proj... | D8.1\_ENCOURAGE w... | 09:28



## 2.1.5 Dissemination

The Dissemination folder contains the subfolders Public Deliverables, Dissemination material, Press Releases, Presentations and Publications. This folder has a special importance in the project communication strategy.

The screenshot shows the 'Public Deliverables' page on the ENCOURAGE website. The page features a navigation menu on the left with options like 'About ENCOURAGE', 'Partners', 'Work Packages', 'Dissemination', 'Public Deliverables', 'Dissemination material', 'Press releases', 'Presentations', 'Publications', 'News & Events', 'Links', 'Contact us', and 'ENCOURAGE login'. The main content area displays a table of deliverables with columns for 'Del. no.', 'Deliverable name', and 'Delivery date'. The table lists 15 deliverables, including 'Dissemination plan', 'ENCOURAGE platform reference architecture', and 'Operating scenarios and requirements for generation and storage'. The footer includes the ENCOURAGE logo, the ARTEMIS logo, and the European Union flag, along with the text 'ENCOURAGE - Embedded Intelligent Controls for BUILDINGS with Renewable generation and storage'.

Del. no.	Deliverable name	Delivery date
D8.2	Dissemination plan	Month 06
D2.3	ENCOURAGE platform reference architecture	Month 12
D5.1	Operating scenarios and requirements for generation and storage	Month 12
D8.3	Assesment and analysis of the market	Month 12
D8.5	Standardisation and project liaison plans	Month 12
D3.1	Communication technologies and protocols	Month 15
D7.2	Target, cluster and requirement analysis	Month 15
D4.1	Communication architecture for device interoperability	Month 18
D5.4	Energy management system	Month 26
D7.6	Test plan and integration requirements	Month 26
D8.4	Assesment and analysis of the market	Month 24
D8.6	Standardisation and project liaison plans	Month 24
D8.8	Standardisation and project liaison results	Month 36

The Public Deliverables subfolder lists all public ENCOURAGE deliverables. Currently, the list contains the overview of public deliverables only. At this early stage of the project, no public deliverables have been submitted to the EC, but as soon as a public deliverable is being submitted to the EC it will be uploaded to the website in the public deliverables folder. It will be possible to download and read the deliverable as PDF. The public deliverables list contains deliverable number and title, and delivery date to the EC.



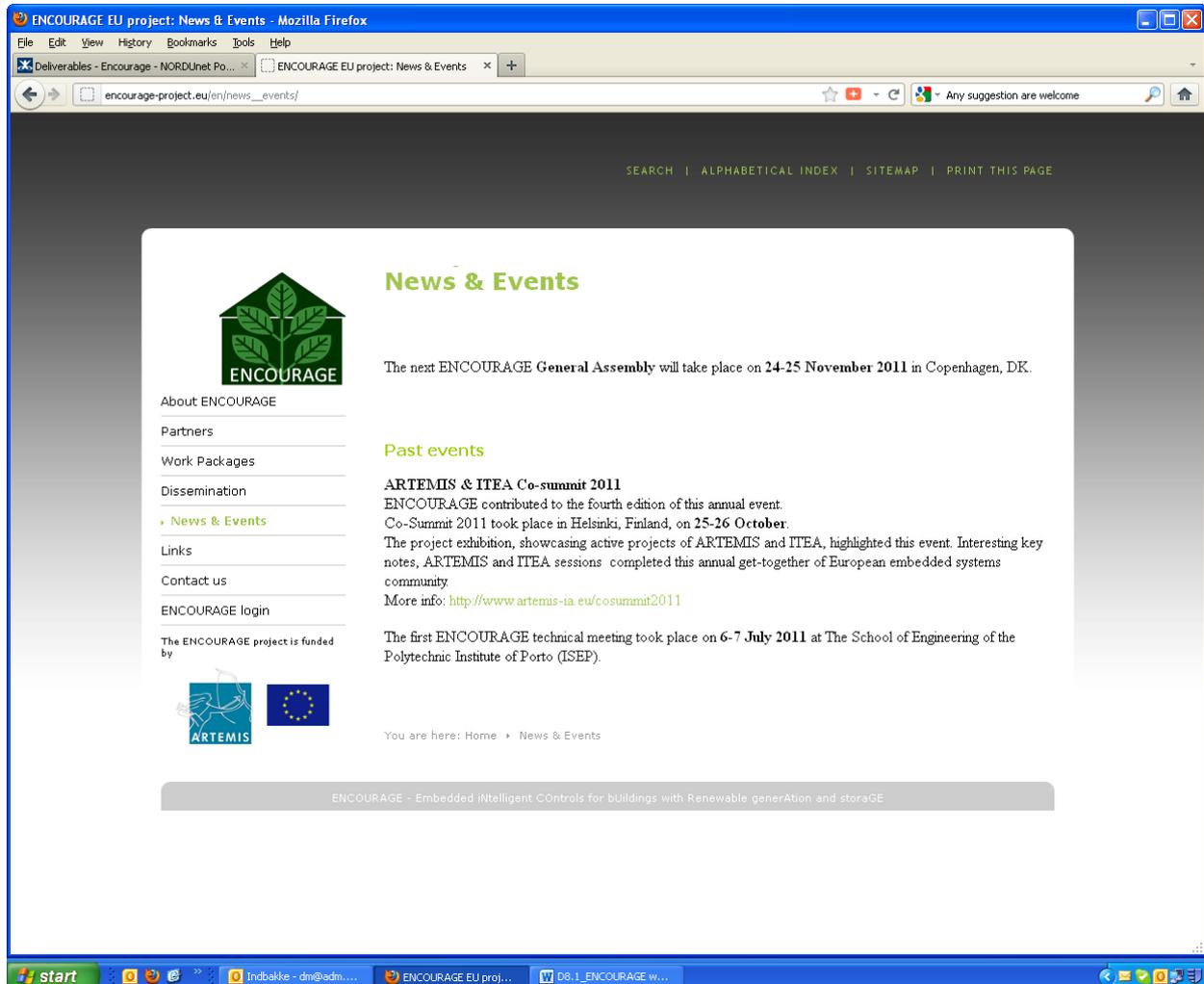
The Dissemination material subfolder contains the ENCOURAGE poster and leaflet in pdf format. The Dissemination material is not for external visitors only, but is also uploaded so that ENCOURAGE partners can download the material and print it if they wish to promote ENCOURAGE at workshops or events organised within their own organisation, or if they participate in external workshops or events where they would like to promote the project.

The Press Releases subfolder stores the material released in mass-media during the entire project lifetime.

The Presentation and Publications subfolders include all ENCOURAGE papers and presentations once the paper has been presented or once the presentation has been given. Papers and presentations are categorised according to where the paper was submitted to (conference, workshop, or magazine) and where the presentation was given at (conference or workshop).

#### **2.1.6 News and Events**

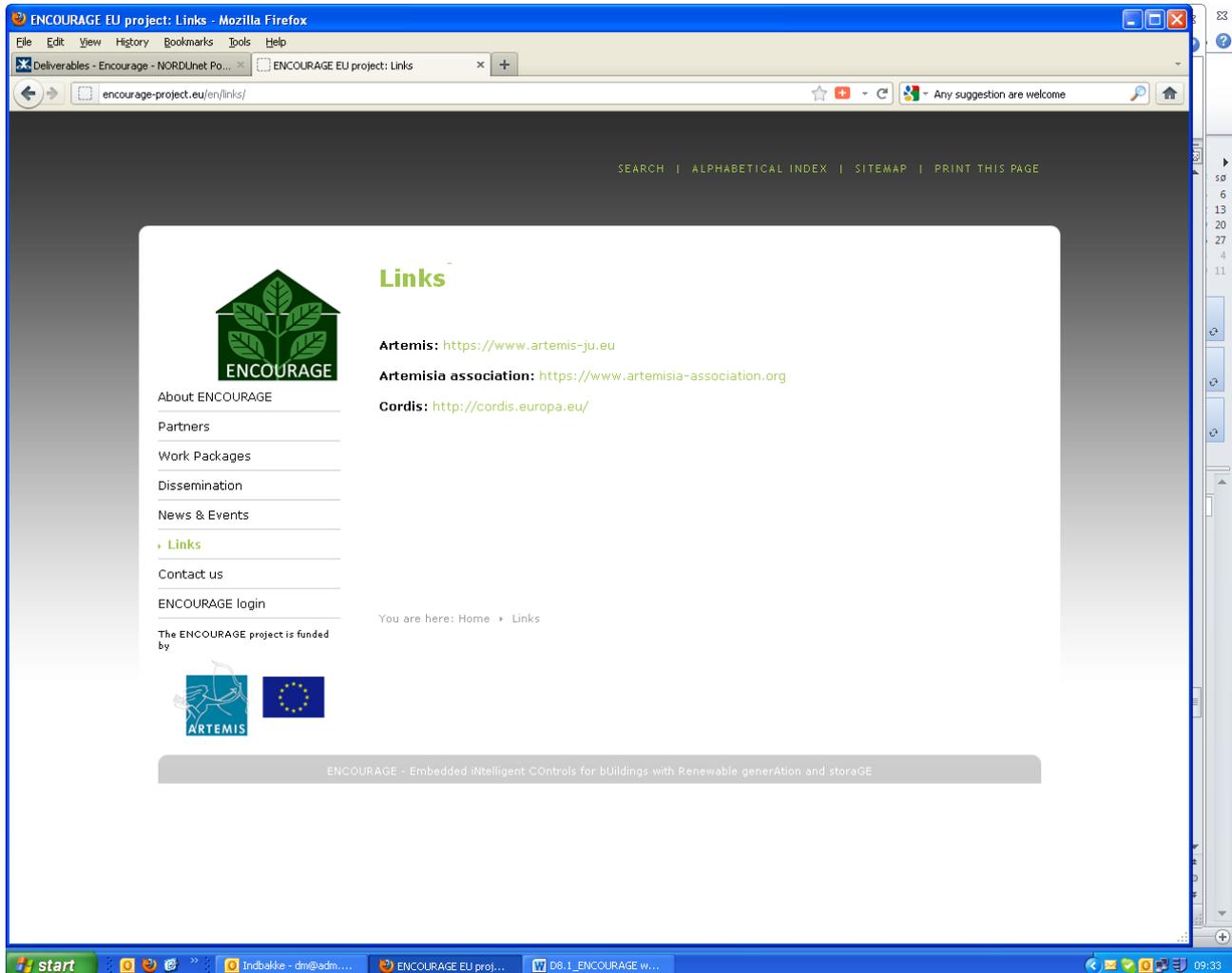
The News and Events folder includes information about upcoming events that may be of interest to the visitors of the website.



The objective of this folder is to always keep it as updated as possible. Therefore, people are encouraged to send an e-mail with the link to an event and/or call for paper that is within the ENCOURAGE scope but is not yet included in the list.

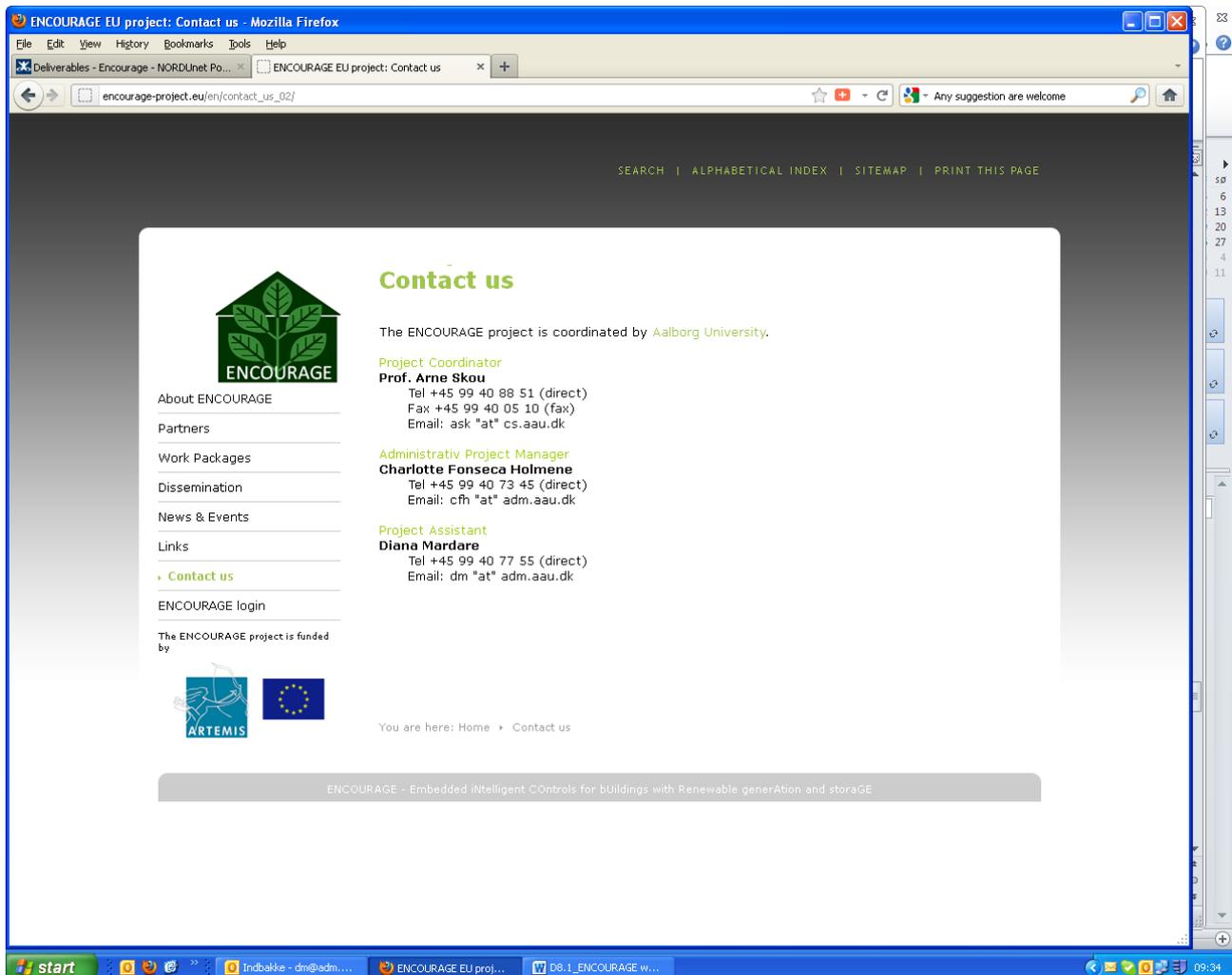
### 2.1.7 Links

The Links folder presents links to websites of interests to people within the ENCOURAGE research area, i.e. ARTEMIS Joint Undertaking, ARTEMIS Association and the Cordis link.



### 2.1.8 Contact Us

The Contact Us folder contains contact information on the ENCOURAGE Management Team, i.e. the Project Coordinator, the Administrative Manager and the Project Assistant. The members of management can be contacted for inquiries regarding their area of responsibility. All the information regarding the email address, fax and telephone number are available in this section.



## 2.1.9 ENCOURAGE login

The ENCOURAGE login offers direct access to the private area of the website – the ENCOURAGE repository.

## 2.2 Private Area

The private area of the website (the repository) has been created for the exchange of documents within the consortium.

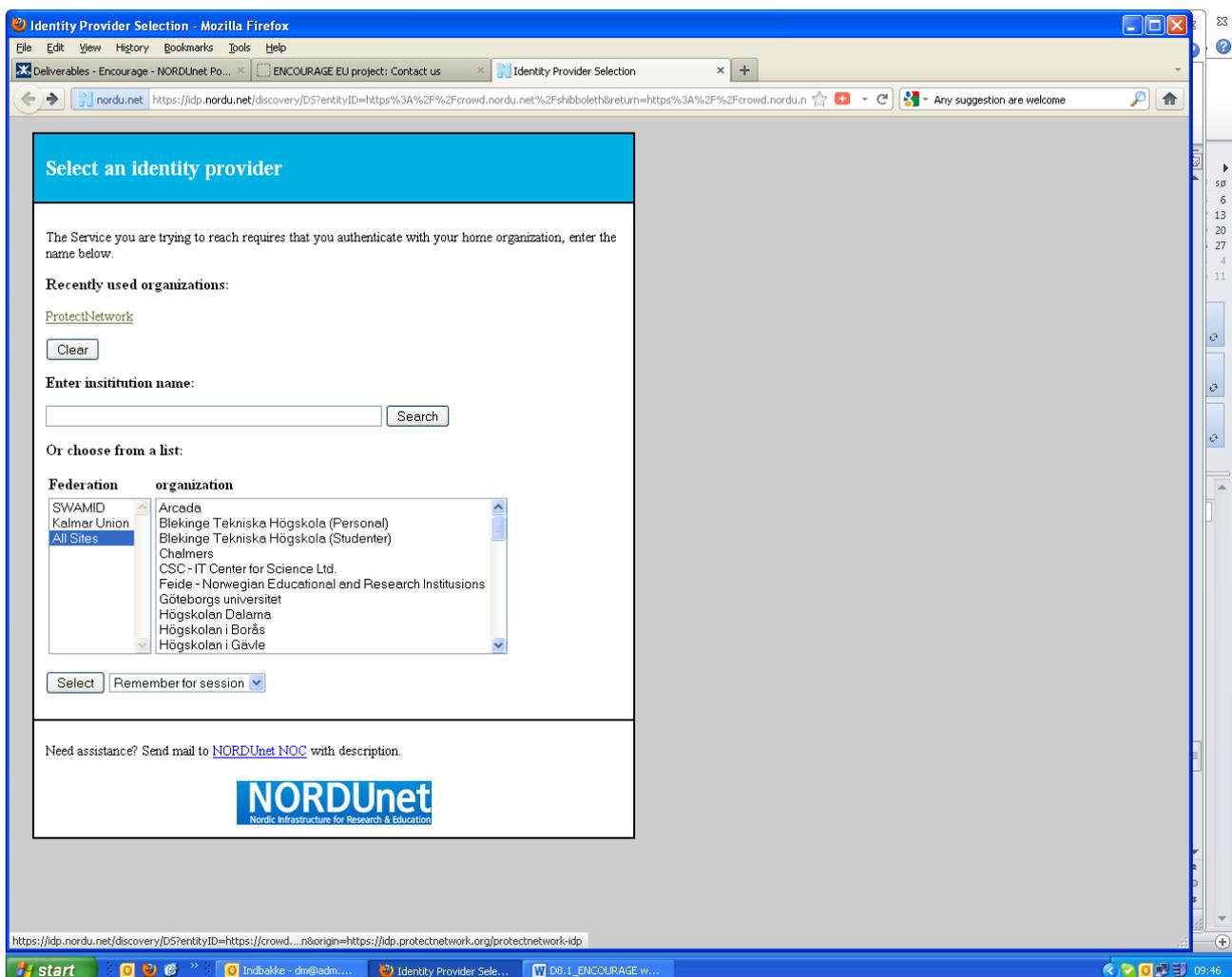
This restricted part of this site, controlled by a password given to the consortium by email, contains all internal information such as a database with relevant information on people involved in the

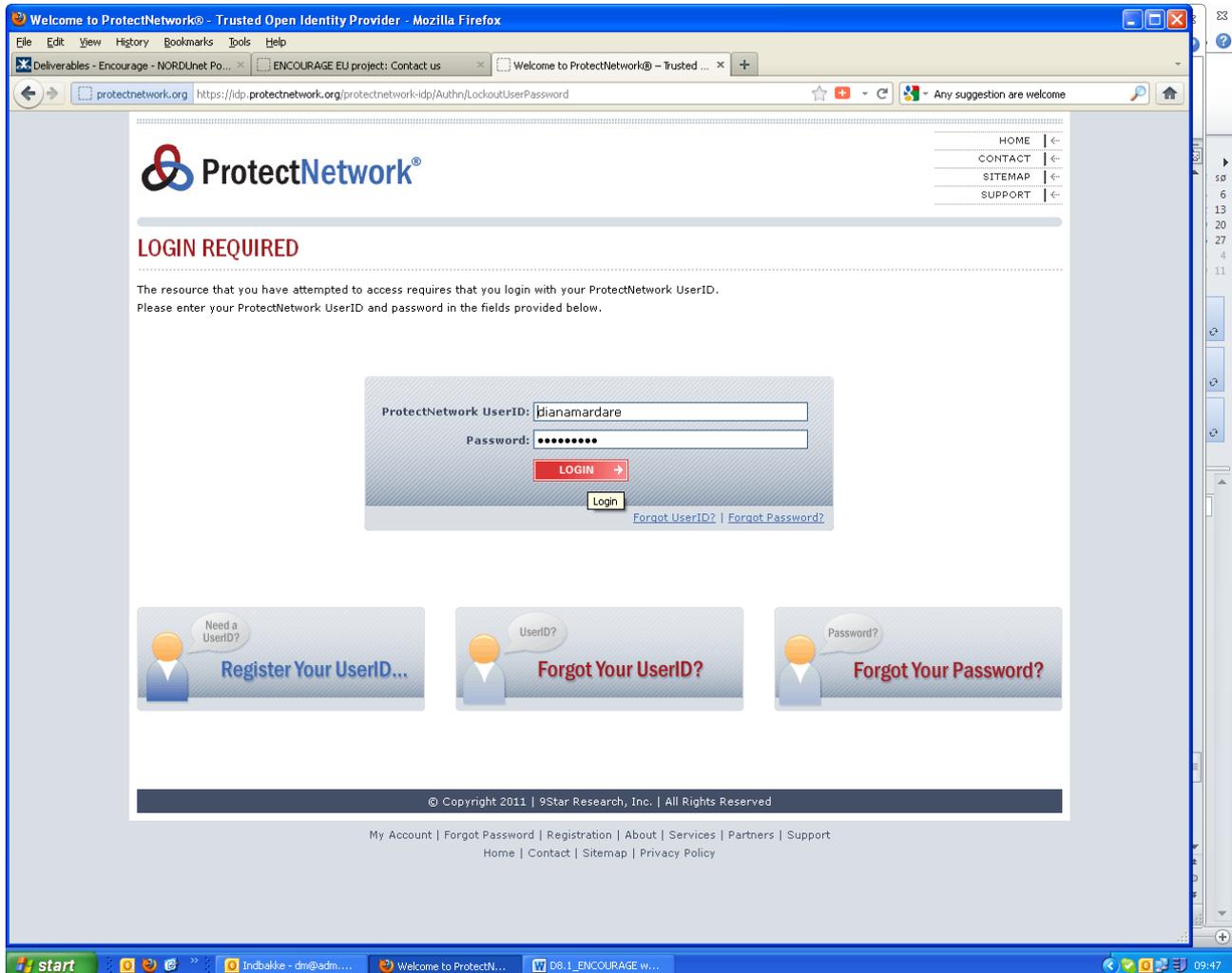


project, templates of the documents, and a specific directory per WP, which contains all the documents produced during the project lifecycle.

### 2.2.1 Access to the private area

The ENCOURAGE private area can be accessed from the ENCOURAGE homepage. Each ENCOURAGE Consortium member access the private area by typing a user name and a password (after selecting an identity provider - ProtectNetwork). Please see screen dump below.





## 2.2.2 Content of the private area

The private area contains highly valuable information to the ENCOURAGE partners, and will serve throughout the duration of ENCOURAGE project as a very important working tool for all members of the ENCOURAGE consortium.

The ENCOURAGE private area is a tool for members of the project partners and the EU consortium only and it contains the following sections:

- Project Administration
  - Encourage Key Documents
    - Grant Agreement,



- Annexes to the GA including the DoW and CA.
- Document templates
  - Periodic report template
  - Deliverables report templates
  - Minutes template
  - Meeting agenda template
  - Power Point presentation template
- Work Packages (temporal documents generated during WP development period)
  - WP1
  - WP2
  - WP3
  - ....
  - WP8
- Meetings
  - Meeting Agendas
  - Meeting Minutes
- Final Documents
  - Reports
    - Overview and status
    - Deliverables
    - Milestones
    - Periodic Reports
      - Project reporting period 1
      - Project reporting period 2
      - Final report
  - Dissemination
    - Media and Presentations
    - Papers
    - List with relevant conferences and calls
    - Registration of contacts with industry



### ***2.2.2.1 File Sharing***

The private area is important, particularly when it comes to file sharing. Members can upload working documents according to WPs, task, etc. so these are always available to ENCOURAGE colleagues. Important documents like the ENCOURAGE Consortium Agreement, the ENCOURAGE Technical Annex, deliverables as sent to the EC, templates, etc. are also available on the private area.



### 3 Conclusions

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This deliverable is based on the ENCOURAGE website <http://encourage-project.eu/>. The deliverable gives an update on the information available on both the public and the private area of the website. The public area of the website is an important element of the ENCOURAGE dissemination strategy, whereas the private area serves as an important working tool for the ENCOURAGE consortium members only. The deliverable contains both text and screen dumps. The text details briefly what information is available in what folder on the website, and the screen dumps serve as to give a visual impression of what has just been described. The website will be continuously updated throughout the duration of the project.