CREEA - Compiling and Refining Environmental and Economic Accounts

Development of the CREEA website

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CREEA

Compiling and Refining Environmental and Economic Accounts
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About CREEA

The main goal of CREEA is to refine and elaborate economic and environmental accounting principles as discussed in the London Group and consolidated in the future SEEA 2012, to test them in practical data gathering, to troubleshoot and refine approaches, and show added value of having such harmonized data available via case studies. This will be done in priority areas mentioned in the call, i.e. waste and resources, water, forest and climate change / Kyoto accounting. In this, the project will include work and experiences from major previous projects focused on developing harmonized data sets for integrated economic and environmental accounting (most notably EXIOPOL, FORWAST and a series of EUROSTAT projects in Environmental Accounting). Most data gathered in CREEA will be consolidated in the form of Environmentally Extended Supply and Use tables (EE SUT) and update and expand the EXIOPOL database. In this way, CREEA will produce a global Multi-Regional EE SUT with a unique detail of 130 sectors and products, 30 emissions, 80 resources, and 43 countries plus a rest of world. A unique contribution of CREEA is that also SUT in physical terms will be created. Partners are:

1. Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek (TNO), Netherlands (co-ordinator)
2. JRC -Joint Research Centre- European Commission (DG JRC IPTS), Belgium /Spain
3. Universiteit Leiden (Unileiden), Netherlands
4. Centraal Bureau voor de Statistiek (CBS), Netherlands
5. Norges Teknisk-Naturvitenskapelige Universitet (NTNU), Norway
6. Statistiska Centralbyran (SCB), Sweden
7. Universiteit Twente (TU Twente), Netherlands
8. Eidgenössische Technische Hochschule Zürich (ETH) Switzerland
9. 2.-0 LCA Consultants Aps (2.-0 LCA), Denmark
10. Wuppertal Institut Fur Klima, Umwelt, Energie Gmbh. (WI), Germany
11. SERI - Nachhaltigkeitsforschungs Und –Kommunikations Gmbh (SERI) Austria
12. European Forest Institute (EFI), Finland / Spain

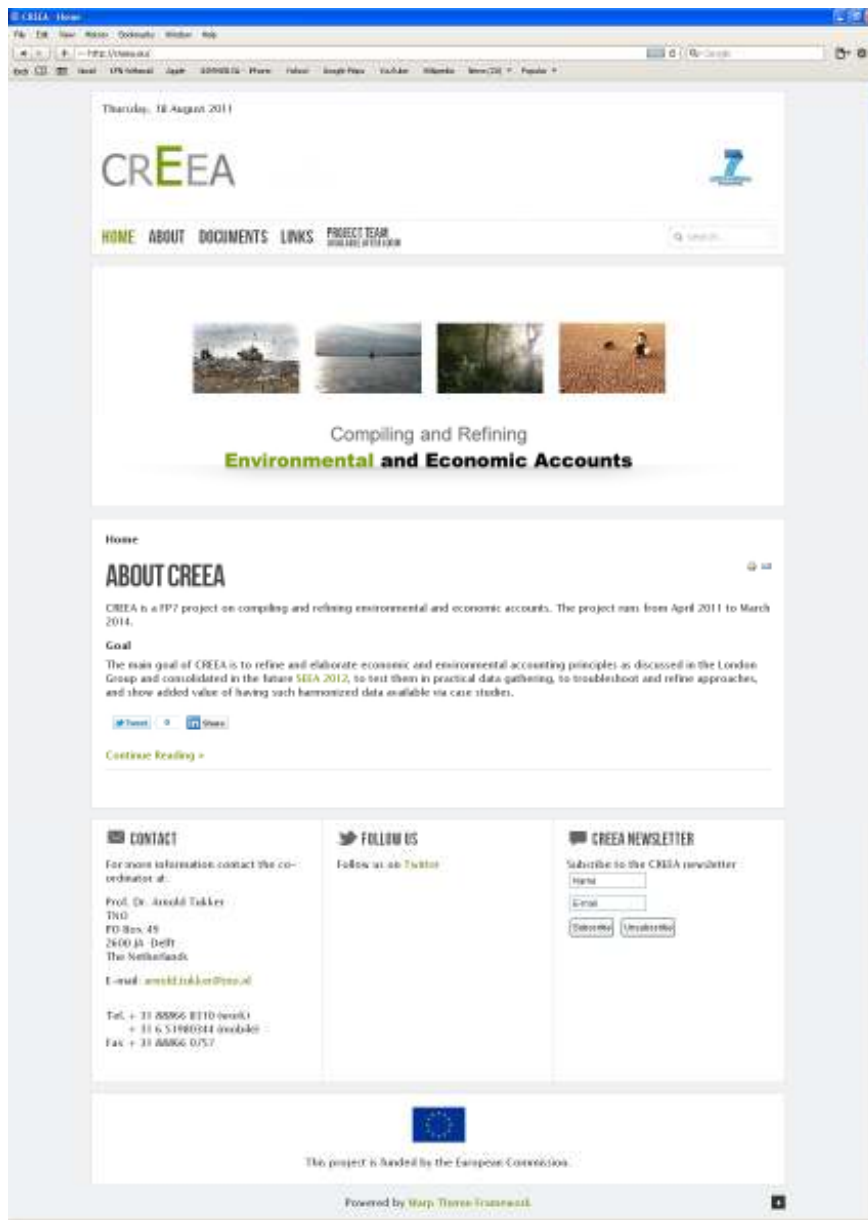For more information contact the co-ordinator at: arnold.tukker@tno.nl

Executive Summary

Under the url www.creea.eu the CREEA website was setup as an internal and external internet communication platform. The website runs on a content management system ('Joomla!') and it has a public and a member (restricted) area. The public area contains information on the goals, backgrounds and partners of the project. Of course in future (public) project results will be part of this area. The member area contains a download section for internal documents, an internal discussion forum for project team members and a project management tool to monitor the progress of the deliverables.

1 Project website

Under the url www.creea.eu the CREEA website was setup as an internal and external internet communication platform.

The website consists of a public and a member (restricted) area. As platform a content management system (CMS) was chosen as it allows more active integration of the project partners and support the project management.

The website was launched on 23 May 2011. As deliverable D 9.2 the website was due in Month 4 (July 2011).

2 Development of the website

As domain name creea.eu was chosen. This domain name was registered by TNO.

The development of the website included:
- Development of requirements of the website
- Selecting CMS-software
- Installing CMS software on the web server
- Development of a basic navigation structure (site map)
- Developing and adding style/lay-out to the website
- Adding required functionality to the website
- Adding content to website
- Adding user accounts for project team members for member area
- Testing the functionality

Ad 1. Requirements
The requirements for content, functionality and lay-out were:

Content:
- Public information about goals, backgrounds and partners of the project;
- Public information about the (future) results of the project.

Functionality:
- Public area and member area. The member area is available for project team members after login;
- Download section for public documents (public area) and internal documents (member area);
- Weblinks to relevant related information and projects;
- Project management tool which monitors the progress of the project;
- Forum section to facilitate online discussions of the project team (in the member area);
- Connected to social media (LinkedIn and Twitter);
- Registration for newsletters.

Lay-out:
- Fitting in the project identity (i.e. use of colours and typography as in CREEA report templates).

Ad 2. Content management system
As content management system 'Joomla!' was selected. 'Joomla!' is free and open source content management software for web servers running on Apache, PHP and MySQL databases. This software can easily be installed and (automatically) updated through the control panel of the hosting company. With 'Joomla!' the website can easily be managed through an internet browser such as Internet Explorer; there are no additional software programs needed to manage the website.

Ad 4. Navigation structure

Public area	Member area
	(In addition to the public area)
Home About • Structure of the project • Project partner descriptions Documents • Final deliverables Links	Internal project forum Project management tool Internal documents

Ad 5. Lay-out
'Joomla!' uses templates in which combines and presents content and functionality. These templates can easily be installed and modified. A commercial available template was purchased and slightly adapted to fit to the project identity.

3 Management of the website

The website including the initial content was set up by TNO. Further content management will be done by TNO and SCB.

Creation of website backups
Before updating of 'Joomla!' software a backup of the website will be created. This backup contains all files as well as the ('Joomla!') database. This will be the responsibility of TNO.

Protection of data
Each project team member received a separate password and individual rights (permission settings). Passwords can be changed by members and the website administrator. Permissions (e.g. for editing/publishing content, uploading documents etc.) can be changed by the administrator.