



Grant Agreement n°: 605658

Project acronym: NATURTRUCK

Project Title: *Development of a new Bio-Composite from renewable resources with improved thermal and fire resistance for manufacturing a truck internal part with high quality surface finishing*

Funding scheme: Capacities – Research for SMEs

Start date of project: 01/01/2014

Duration of project: 32 months

Deliverable n° & name: **D8.1: Project Website**

Due date of Deliverable: March 2014

Actual date of Deliverable: March 2014

Participant responsible: AIMPLAS

Date of the last version of the Annex I against which the assessment will be made: 29/10/2013

Project Coordinator: AIMPLAS

Dissemination Level		
PU	Public	√
PP	Restricted to other programme participants (including the Commission	
RE	Restricted to a group specified by the consortium (including the Commission	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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1. Summary and Objectives

This report corresponds to Deliverable 8.1 from Work Package 8 of the NATURTRUCK Project.

The main goal of the project is to develop injected plastic parts for the commercial vehicles industry (mainly cabin truck parts) made with thermoplastic composite materials from renewable resources, namely physically modified PLA grades and natural fibres, with improved thermal and flame retardancy properties and high quality surface finishing to be used in car internal parts as a real alternative to low-gloss standard ABS grades at a competitive cost.

The goal of the WP8 is to carry out the technology transfer, exploitation and dissemination of knowledge generated in the project.

The aim of this report is to give some information about the project's website and the possibilities that it offers to partners and to a wider audience external to the Project.

2. The WEBSITE

The website for a project is a very useful tool for communication; the partners can share documents and publish interesting information. Furthermore, it is a window to the general public to generate an interest for the project and to disseminate the work done and the results achieved.

The internet domain ".eu", has been considered to be the most adequate for an European project. The website URL is: **www.naturtruck.eu**

The website is organized into the following areas:

Home directs the Internet user to the main page (Figure 1) and it displays the main information about the Project:

- Aim and contractual data of the project.
- A brief overview of the NATURTRUCK project.
- Updated news about the project progress.
- Short partners' information linked to each partner's website.

[HOME](#)
[ABOUT THE PROJECT](#)
[PARTNERS](#)
[INSTRUMENT](#)
[CONSENSUS/STUDY](#)
[TECHNOLOGICAL WATCH](#)
[CONTACT](#)

Development of a new Bio-Composite from renewable resources with improved thermal and fire resistance for manufacturing a truck internal part with high quality surface finishing

LATEST NEWS
 These are the project news

ABOUT THE PROJECT
The main objective of **NATURTRUCK**

The main objective of **NATURTRUCK** is to develop injected plastic parts for the commercial vehicles industry (mainly cabin truck parts) made with thermoplastic composite materials from renewable resources (modified poly(lactic acid) and natural fibres) with improved thermal, flame retardancy properties and high quality surface finishing to be used in car internal parts. These biocomposites will be a real alternative to low-glass standard **USF** grades at a competitive cost.

NATURTRUCK will allow **SHC** partners, and consequently the EU industry, to fabricate new eco-friendly thermoplastic biocomposite products suitable to satisfy the commercial vehicles manufacturer requirements at a cost comparable to current **USF** grade, increasing their differentiation from competitors and creating significant market opportunities.

The diagram illustrates the process flow for developing a bio-composite material. It starts with 'Renewable resources to increase plasticity' and 'Increased flame retardancy properties' leading to 'Compositing bio-composite'. This process involves 'MIX or 3D printing to make and optimising mechanical properties' and 'MIX or 3D printing to make and optimising mechanical properties'. The final product is 'MIX or 3D printing to make and optimising mechanical properties'.

PARTNERS

The consortium consists of 10 partners

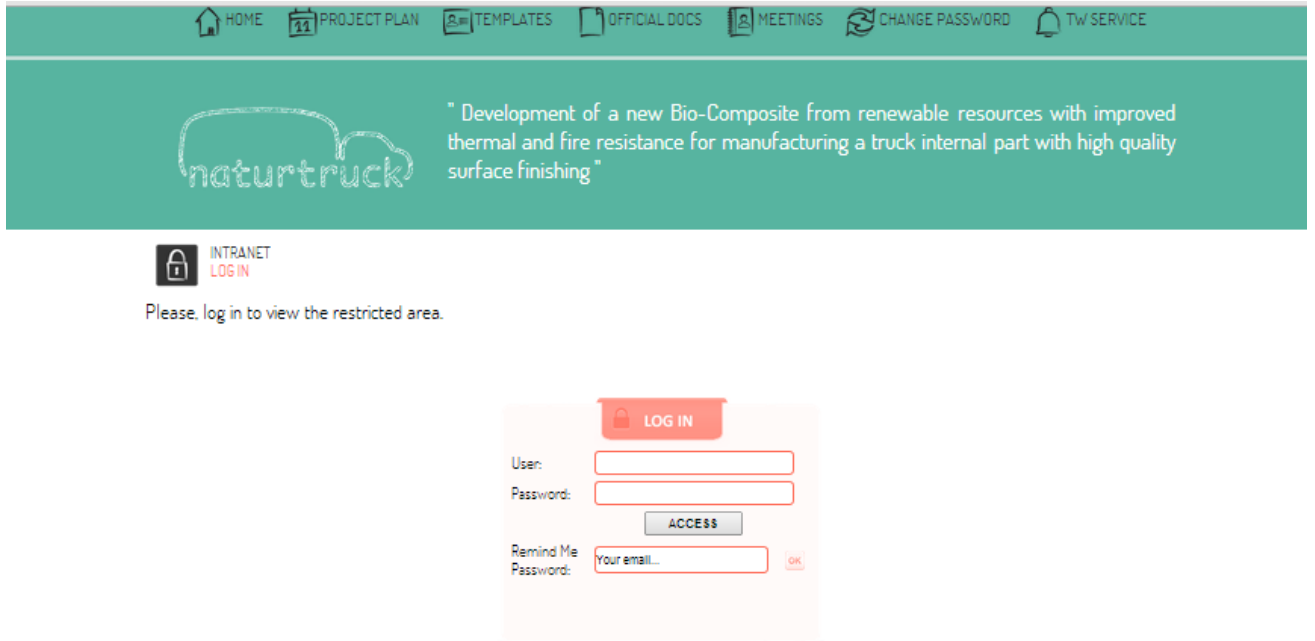
NATURTRUCK consortium has been built up in order to join all the required technical and managerial expertise and capabilities and market complementarity and exploitation interests to streamline the achievement of Project results to solve the SHC Participant (SHCP) needs and facilitate the exploitation of **NATURTRUCK** achievements having representatives of the whole Project value chain.

The research leading to these results has received funding from the European Union Seventh Framework Programme managed by **REA - Research Executive Agency** (FP7/2007-2013) under Grant Agreement n° 605658 **NATURTRUCK**

Figure 1.- NATURTRUCK home page.

D8.1: Project Website

Intranet (Figure 2a.): This is the private area where all the private documents related to the NATURTRUCK project (i.e. deliverables, milestones, etc.) can be found. Access to the intranet is gained by using an user name and password. There is a password reminder, if necessary.



The screenshot shows the top navigation bar with links: HOME, PROJECT PLAN, TEMPLATES, OFFICIAL DOCS, MEETINGS, CHANGE PASSWORD, and TW SERVICE. Below this is a green banner with the Naturtruck logo and the text: "Development of a new Bio-Composite from renewable resources with improved thermal and fire resistance for manufacturing a truck internal part with high quality surface finishing".

Below the banner, there is a section titled "INTRANET LOGIN" with a lock icon. Below this, it says "Please. log in to view the restricted area." and a login form is displayed. The login form has a "LOG IN" button at the top, followed by "User:" and "Password:" labels with input fields. Below these is an "ACCESS" button. At the bottom of the form, there is a "Remind Me Password:" label with an input field containing "Your email..." and an "OK" button.



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Figure 2a.- Intranet

D8.1: Project Website

The **Intranet** area comprises the following three sections (showed in Figure 2b):

- “*Project Plan*” where the Project deliverables and milestones can be easily uploaded;
- “*Official documents*” where all the contractual documents, deliverables, milestones and official reports produced during the project can be uploaded so all partners can accede to this information; and
- Project templates” where partners can upload/download the presentation and reporting templates as well as images and logos related to the project.



The screenshot shows the Intranet interface for the Project Plan. At the top, there is a navigation bar with icons for HOME, PROJECT PLAN, TEMPLATES, OFFICIAL DOCS, MEETINGS, CHANGE PASSWORD, and TW SERVICE. Below this is a header section with the Naturtruck logo and a project description: "Development of a new Bio-Composite from renewable resources with improved thermal and fire resistance for manufacturing a truck internal part with high quality surface finishing".

The main content area is titled "INTRANET PROJECT PLAN" and includes a "LOG OFF" button and an "UPLOAD FILE" button. The content is organized into three Work Packages (WPs):

- WP1 DEFINITION OF TRUCK PART REQUIREMENTS, SELECTION OF MATERIALS & ADDITIVES AND RISK MANAGEMENT**
 - D1.1 - Requirements report: Lab- tests specification and Technical specification sheet of selected case studies (heavy truck internal part). (Delivery date: 4th Month) - (Lead beneficiary: VOLVO)
 - D1.2 - Material selection report: PLA matrix and natural additives. (Delivery date: 5th Month) - (Lead beneficiary: AIMPLAS)
 - MS1 - Project risk indicators identified (Delivery date: 3th Month) - (Lead beneficiary: VOLVO)
 - MS2 - Commercial PLA base material selection. (Delivery date: 5th Month) - (Lead beneficiary: AIMPLAS)
- WP2 NATURAL FIBRE SELECTION, TREATMENT & FUNCTIONALIZATION**
 - D2.1 - Protocol for treatment to render fibres suitable for PLA composites (Delivery date: 12th Month) - (Lead beneficiary: IwNiRZ)
 - D2.2 - Fireproof modified natural fibres (Delivery date: 19th Month) - (Lead beneficiary: IwNiRZ)
 - D2.3 - Surface modified fibres. Report about chemical / physical treatment for natural fibres (Delivery date: 20th Month) - (Lead beneficiary: BAVE)
 - MS3 - Natural fibre modification (Delivery date: 16th Month) - (Lead beneficiary: IwNiRZ)
- WP3 PLA BLEND COMPOUNDING AND MATERIAL CHARACTERIZATION**
 - D3.1 - Report of the influence of the different processing and addition parameters over the mechanical, rheological, chemical, and thermal performance of PLA compounds (Delivery date: 12th Month) - (Lead beneficiary: AIMPLAS)
 - D3.2 - Manufacturing and technical data sheets of the PLA compounds developed at pilot-plant level (Delivery date: 18th Month) - (Lead beneficiary: AIMPLAS)
 - D3.3 - Manufacturing and technical data sheets of the PLA compounds developed at pilot-plant level (Public Part) (Delivery date: 18th Month) - (Lead beneficiary: AIMPLAS)

Figure 2b.- Inside the Intranet

TW Service (Figure 3) is the Technological Watch Service that publishes all the latest technical information related to the NATURTRUCK project, including: News, Events, Articles, Grants, and Patents.

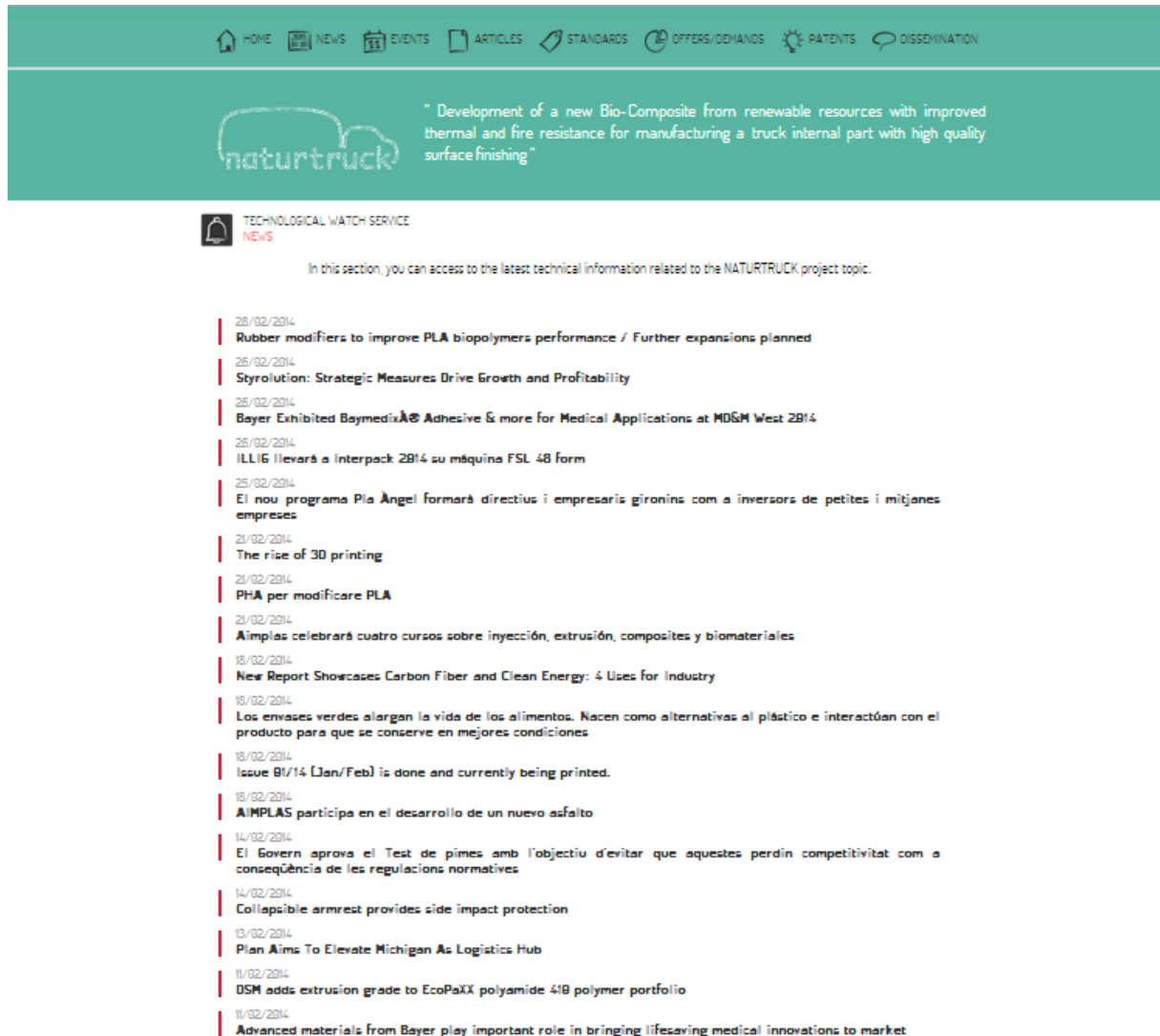


Figure 3.- TW Service

Furthermore, NATURTRUCK partners will receive a periodic updated summary of the TW Service News.

At the bottom of the website, the **Contact** section is included (see Figure 4 below), in which the Coordinator contact data, such as address, telephone and email, are displayed.



Figure 4.- Contact section

3. Deviations and Corrective Actions

There are no deviations or corrective actions.

4. Conclusions

The **project website** has been designed, developed and launched.

The site serves as both a dissemination tool and a project management tool and therefore consists of corresponding public and private areas.

The **public area** promotes the project, allows the dissemination of non-confidential results and allows the public to contact the coordinator and the partners.

The **private area**, accessible via a login, includes confidential and project management documents and helps the partners to share information and communicate more effectively.