Projects and Products Portal for Leonardo da Vinci

SInnDesign - Innovation durable grâce à la conception

2013-1-ES1-LEO05-66254

http://www.adam-europe.eu/adam/project/view.htm?prj=11529

Information sur le projet

Titre:	SInnDesign - Innovation durable grâce à la conception
Code Projet:	2013-1-ES1-LEO05-66254
Année:	2013
Type de Projet:	Projets de transfert d'innovation
Statut:	Clôturé
Pays:	ES-Espagne
Accroche marketing:	SInnDesign est un projet visant à la mise au point des matériaux et des outils de formation sur la conception durable (DfS) est trois secteurs liés à l'"pôle Habitat": meubles, textiles et matériaux de construction, menant à des solutions innovantes et compétitives L'objectif est de fournir aux institutions de formation professionnelle et aux entreprises des matériaux sur DFS et de l'innovation, et donc de renforcer les compétences des stagiaires et des professionnels dans le domaine, augmenter de l'employabilité et de contribuer à la compétitivité des secteurs dans le cadre de enjeux du développement durable Les matériaux et les outils de formation sont composées par: Manuel sur l'innovation et DFS, matériel d'appui, outils pour DFS et innovation, centre de ressources, catalogue de bonnes pratiques et manuel pour les enseignants et les formateurs Les matériaux étaient testés et mis en œuvre sur des cas réels de formations pilotes et des ateliers de démonstration
Résumé:	Measures to improve the sustainability of buildings are a priority in EU policies. This requires the appropriate choice of building materials and products that are used indoor, and design plays a major role in this context, since it is at the design stage that the sustainability profile of products is mostly determined. Therefore, the aim of SInnDesign is to develop training materials and tools for design for sustainability (DfS) of furniture, textiles for the habitat and building materials, leading to innovative and competitive solutions. It is a Transfer of innovation of other projects, primarily InEDIC – Innovation and Ecodesign in the Ceramic Industry (www.inedic.net) and the ECODESIGN PILOT, a practical software tool for identifying and implementing Ecodesign measures into products (www.ecodesign.at/pilot). In SInnDesign the results of these projects are transferred to new sectors and countries and there is an extra focus on important topics for companies in the context of a globalised economy: social criteria in design and innovation. The consortium includes organizations from Portugal, Austria, Denmark and Spain, with recognized experience in international projects in the area of sustainability and innovation in the target sectors. Besides the Applicant Organization, the Management Coordinator and the Core Partners, responsible for the contents development and the coordination of national activities, there are also Associated Partners (AP), with specific roles in the project: some will be dedicated to support the test and validation of SInnDesign in companies and other AP will support the integration of the results in national VET systems. Besides the partners in the consortium, which cover a wide range of players on the habitat cluster and VET systems (incl. policy makers), national networks will be established, involving businesses, VET institutions, design centres and technological institutes, for consultation and project dissemination. The project is expected to have a significant positive impact in lifelong learning in the partner countries and in EU, promoting employability and new skills for a green(er) European economy.
Description:	The overall objective of SInnDesign is to develop training materials and tools for the systematic integration of sustainability considerations (environmental, social and economic) in the design process of products belonging to the habitat domain (furniture, textiles and building materials), leading to innovative and competitive solutions for the habitat. It is expected that SInnDesign contributes to Europe’s innovative potential and competitiveness, developing a dynamic knowledge-based economy capable of sustainable economic growth with more and better jobs an

Information sur le projet

greater social cohesion.
The specific aims and objectives of SInnDesign are:
-To contribute to the qualification of VET students and professionals already in the labour market on sustainability and innovation in the three target sectors, thus supporting the European strategies on sustainable construction, on the one hand, and contributing to quality lifelong learning, on the other;
-To support and promote the dissemination of design for sustainability and innovation contents in training and education through (i) the integration of the SInnDesign training materials and tools in existing curricula of relevant courses of the European VET systems of the participating countries, and (ii) new curriculum development, promoting its harmonization;
-To supply designers and other professionals involved in product and service development of the above mentioned sectors with the specialized skills for the practical implementation of design for sustainability and innovation in companies;
-To promote the integration of design for sustainability and innovation practices in companies involved in the pilot training sessions, demonstration workshops or any other dissemination activities (namely the national networks);
-To support the competitiveness of the project's target sectors in Europe, creating added value to the companies;
-To contribute to the knowledge in sustainable development in the participating countries, according with the goals of the United Nations Decade of Education for Sustainable Development.
Through these objectives the project will foster the cooperation between VET and the labour world, in the context of the challenges of competitiveness in a globalized economy. The nature of the consortium (a partnership of academia, research and technology centres, VET representatives and business associations and companies), together with the proposed national networks will ensure such endeavour.
The methodology proposed for this project consists on the performance of a situation analysis (baseline study in each partner country) to evaluate the concrete needs of Design for Sustainability (DfS) and innovation know how in the target sectors, the establishment of a strategy and guidelines for the integration of SInnDesign results in partner countries' VET systems, the development of the SInnDesign training materials and tools (SInnDesign Manual, SInnDesign Tools, SInnDesign Resources Centre, SInnDesign Catalogue of Products and Manual for Teachers and Trainers), their test through pilot training sessions and workshops, and finally the evaluation, refining and editing of such materials.
The companies and other target groups' representatives that will be engaged in the project by the consortium will participate in the pilot training sessions are invited to test the DfS and Innovation tools in their real-life situations. The results and experiences will be discussed in the demonstration workshops. All these initiatives, that will take place in parallel in the four project countries, will provide vary valuable insights regarding the quality and applicability of the SInnDesign materials and tools.
The SInnDesign training materials will be available in the project website, which will be a very useful resource for information about the project and a learning tool to assist in-classroom training and self-learning.
Besides the methodological approaches shortly described to ensure the quality of the results, adequate methods for an effective project management and a high multiplying and dissemination effect are be adopted.
The SInnDesign Manual on DfS and Innovation and the SInnDesign Tools will be structured according to a step-wise approach to product development, as advocated for instance by UNEP's publication "Design for sustainability: A step-by-step approach" (2009) and Roozenburg and Eekels method for product innovation (from their book "Product Design: Fundamentals and Methods", 1995). This stepwise approach facilitates the application of active learning principle, since the students and trainees will be able to apply the sustainability related methods and tools in a product development process. An 8 steps method was used in InEDIC and will be applied to SInnDesign with the necessary changes to accommodate social criteria and more radical innovation.
As a whole, the work plan for SInnDesign consists of the following work packages:
WP1 - Situation analysis

Information sur le projet

WP2 - Integration of SInnDesign Materials into the national VET systems
WP3 - Development of the SInnDesign training materials and tools
WP4 - Pilot training and demonstration workshops
WP5 - Evaluation, harmonization and editing of the SInnDesign training materials and tools
WP6 - Dissemination and ensuring multiplying effect
WP7 - Project management and meetings

Thèmes:
*** Développement durable
*** Formation tout au long de la vie
*** Dialogue social
*** Entreprise, TPE, PME
*** Écologie
*** Formation continue
*** Formation initiale
** Marché du travail

Sectors:
*** Construction
*** Industrie Manufacturière
*** Enseignement

Types de Produit:
Autres
Site Internet
Matériel d'apprentissage
Matériel pour l'enseignement
Modules
Programme/curriculum

Information sur le produit: The main outcomes of SInnDesign will be state-of-the art training materials and tools: the SInnDesign Manual on DfS and Innovation, the SInnDesign Tools, the Resources Centre and the Catalogue of Good Practices. These results will be available for the training of professionals involved in product development from the three sectors and also as vocational training units (or parts thereof) in the national qualification catalogues of the participating countries. For this purpose, there is a specific workpackage on the integration of SInnDesign outputs in partner countries' VET systems, resulting on the definition of National and Sectorial Training Strategies, a Manual for Teachers and Trainers and a Guideline for the integration of DfS in VET. All the development work will be based on an initial review of training needs and opportunities in this field.

Page Web du projet: www.sinndesignproject.eu

Contractant du projet

Nom:	Prospektiker
Ville:	San Sebastian
Pays/Région:	Pais Vasco
Pays:	ES-Espagne
Type d'organisation:	Autres
Site Internet:	http://www.prospektiker.es

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Coordinateur

Nom:	LNEG - Laboratório Nacional de Energia e Geologia, I.P.
Ville:	Amadora
Pays/Région:	Lisboa
Pays:	PT-Portugal
Type d'organisation:	Institution de recherche
Site Internet:	http://www.lneg.pt

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Partenaire

Partner 1

Nom:	AAU - Aalborg University
Ville:	Aalborg
Pays/Région:	Nordjyllands Amt
Pays:	DK-Danemark
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.aau.dk

Partner 2

Nom:	ITC - Research Association of the Ceramic Industry
Ville:	Castellón
Pays/Région:	Comunidad Valenciana
Pays:	ES-Espagne
Type d'organisation:	Institution de recherche
Site Internet:	http://www.itc.uji.es

Partner 3

Nom:	CEFIRE - Training, Innovation and Education Resources Center for Vocational Training, Art and Sports Education
Ville:	Cheste
Pays/Région:	Comunidad Valenciana
Pays:	ES-Espagne
Type d'organisation:	National Agency
Site Internet:	http://mestreacasa.gva.es/web/cefirefp

Partner 4

Nom:	KEA - Copenhagen School of Design and Technology
Ville:	Copenhagen
Pays/Région:	Nordjyllands Amt
Pays:	DK-Danemark
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.kea.dk

Partenaire

Partner 5

Nom:	COCIN CS - Official Chamber of Commerce, Industry and Navigation of Castellón
Ville:	Castellón de la Plana
Pays/Région:	Comunidad Valenciana
Pays:	ES-Espagne
Type d'organisation:	Chambre
Site Internet:	http://www.camaracastellon.com

Partner 6

Nom:	Fritz Hansen A/S
Ville:	Allerød
Pays/Région:	Nordjyllands Amt
Pays:	DK-Danemark
Type d'organisation:	National Agency
Site Internet:	http://www.fritzhansen.com

Partner 7

Nom:	Higher technical college Dornbirn (HTL Dornbirn)
Ville:	www.htldornbirn.at
Pays/Région:	Vorarlberg
Pays:	AT-Autriche
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.htldornbirn.at

Partner 8

Nom:	AIE - Austrian Institute of Ecology
Ville:	Austria
Pays/Région:	Vienna
Pays:	AT-Autriche
Type d'organisation:	Institution de recherche
Site Internet:	http://www.ecology.at

Partenaire

Partner 9

Nom:	IBW - Institute for Research on Qualifications and Training of the Austrian Economy
Ville:	Vienna
Pays/Région:	Vienna
Pays:	AT-Autriche
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.ibw.at

Partner 10

Nom:	Gabriel A/S
Ville:	Aalborg
Pays/Région:	Nordjyllands Amt
Pays:	DK-Danemark
Type d'organisation:	Entreprise de petite et de moyenne taille (jusqu'à 250 employés)
Site Internet:	http://www.gabriel.dk

Partner 11

Nom:	Montana
Ville:	Haarby
Pays/Région:	Nordjyllands Amt
Pays:	DK-Danemark
Type d'organisation:	Entreprise de petite et de moyenne taille (jusqu'à 250 employés)
Site Internet:	http://www.montana.dk

Partner 12

Nom:	VUT - Vienna Technical University
Ville:	Vienna
Pays/Région:	Vienna
Pays:	AT-Autriche
Type d'organisation:	Université/école supérieure spécialisée/academie
Site Internet:	http://www.tuwien.ac.at/

Partenaire

Partner 13

Nom:	ANQEP - National Agency for Qualification and Vocational Education and Training
Ville:	Lisboa
Pays/Région:	Lisboa
Pays:	PT-Portugal
Type d'organisation:	Institution publique
Site Internet:	http://www.anqep.gov.pt

Partner 14

Nom:	CITEVE - Centro Tecnológico das Indústrias Têxtil e do Vestuário de Portugal
Ville:	Vila Nova de Famalicão
Pays/Région:	Norte
Pays:	PT-Portugal
Type d'organisation:	Institution de recherche
Site Internet:	http://www.citeve.pt

Partner 15

Nom:	APCMC - Portuguese Association of Traders of Building Materials
Ville:	Porto
Pays/Région:	Norte
Pays:	PT-Portugal
Type d'organisation:	Syndicat
Site Internet:	http://www.apcmc.pt

Produits

1 Situation Analysis Report - Executive summaries

2 Highlights of project meetings

3 SInnDESIGN Manual for Teachers and Trainers

4 SInnDesign National and Sectoral Training Strategies

5 SInnDesign Guideline for implementation of DfS in VET

6 SInnDesign Manual on DfS and Innovation

7 SInnDesign DfS and Innovation Tools

8 SInnDesign Background Materials

9 Show cases and catalogue os good practices

10 SInnDesign website and platform

11 SInndesign promotional and pedagogic video

12 SInnDesign promotion material

13 Resources centre

Produit 'Situation Analysis Report - Executive summaries'

Titre:	Situation Analysis Report - Executive summaries
Type de Produit:	Autres
Texte marketing:	The situation analysis report is the sum up of different surveys that were carried out in the 4 countries. The executive sumaries in national languages aim to disseminate the results of the analysis in order to present the main training needs and existing resources in relation to Design for Sustainability in the habitat domain.
Description:	Executive summaries of the national Situation Analysis Reports
Cible:	Partners institutions, business associations, trainers of VET institutions, manufacturers, designers and so on.
Résultat:	Report.
Domaine d'application:	State of the art for the following training material developments.
Adresse du site Internet:	
Langues de produit:	danois anglais allemand portugais espagnol

product files

WP1_Executive Summaries

WP1_Executive summary DE.pdf

http://www.adam-europe.eu/prj/11529/prd/1/2/WP1_Executive%20summary%20DE.pdf
Executive Summary in German.

WP1_Executive summary DK.pdf

http://www.adam-europe.eu/prj/11529/prd/1/2/WP1_Executive%20summary%20DK.pdf
Executive Summary in Danish.

WP1_Executive summary EN.pdf

http://www.adam-europe.eu/prj/11529/prd/1/2/WP1_Executive%20summary%20EN.pdf
Executive Summary in English.

WP1_Executive summary ES.pdf

http://www.adam-europe.eu/prj/11529/prd/1/2/WP1_Executive%20summary%20ES.pdf
Executive Summary in Spanish.

WP1_Executive summary PT.pdf

http://www.adam-europe.eu/prj/11529/prd/1/2/WP1_Executive%20summary%20PT.pdf
Executive Summary in Portuguese.

WP1_Situation Analysis Report

WP1_Situation analysis report.pdf

http://www.adam-europe.eu/prj/11529/prd/1/3/WP1_Situation%20analysis%20report.pdf
Situation Analysis Report

Produit 'Highlights of project meetings'

Titre:	Highlights of project meetings
Type de Produit:	Autres
Texte marketing:	Short dissemination documents with the highlights of the meetings
Description:	Dissemination documents with the conclusions from the project meetings
Cible:	Manufacturers, suppliers or others included in the chain value of habitat products, designers, trainers (teachers) of VET institutions, business associations and other related with educational purpose
Résultat:	Meeting results.
Domaine d'application:	Meeting results.
Adresse du site Internet:	
Langues de produit:	anglais

product files

Highlights, Castellon meeting.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/Highlights%2C%20Castellon%20meeting.pdf

Highlights meeting 3.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/Highlights%20meeting%203.pdf

Highlights meeting 4 Copenhagen December 2014.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/Highlights%20meeting%204%20Copenhagen%20December%20%202014.pdf

Highlights of the Kick off meeting.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/Highlights%20of%20the%20Kick%20off%20meeting.pdf

Lisbon_extraMeeting_Highlights.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/Lisbon_extraMeeting_Highlights.pdf

SInnDesign_LisbonFinalMeeting_Highlights.pdf
http://www.adam-europe.eu/prj/11529/prd/2/1/SInnDesign_LisbonFinalMeeting_Highlights.pdf

Produit 'SInnDESIGN Manual for Teachers and Trainers'

Titre:	SInnDESIGN Manual for Teachers and Trainers
Type de Produit:	Matériel d'apprentissage
Texte marketing:	Practical guideline for practitioners for successful integration and application of the developed materials and tools. The SInnDesign Manual for Teachers and Trainers present a guidance material as part of the training program which resulted from the SInnDesign project. The Manual refers to the 10 theoretical modules supported by in depth background materials and 7 practical modules complementary to the tools, which have been developed in the framework of the SInnDesign project.
Description:	Practical guideline for practitioners for successful integration and application of the developed materials and tools. The SInnDesign Manual for Teachers and Trainers present a guidance material as part of the training program which resulted from the SInnDesign project. The Manual refers to the 10 theoretical modules supported by in depth background materials and 7 practical modules complementary to the tools, which have been developed in the framework of the SInnDesign project. The Manual for Teachers and Trainers gives information on the total duration of the training program and gives an overview on the thematic sessions. Per session the following information is given: - proposed duration - relation to product and product service system development step - contents and objectives - learning outcomes - connection to modules, background materials and tools - didactic recommendations and support The theoretical and practical Modules, the Background Materials and the Tools are described in detail in the ten thematic sessions, each complimented by pedagogical recommendations and link to matching materials. An overview on the detailed learning outcomes divided into knowledge, skills and competences is given. In the last chapter an overview over the product and product-service-systems development processes are pictured and the development steps are linked with the matching SInnDesign modules and tools for guidance at what point the implementation of the materials is recommended.
Cible:	- VET institutions - Teachers and trainers - Companies interested in training
Résultat:	Manual
Domaine d'application:	To support VET training courses
Adresse du site Internet:	www.sinndesignproject.eu
Langues de produit:	danois allemand anglais espagnol portugais

product files

Manual for teachers and trainers

product files

SInnDESIGN_HandbuchLehrerInTrainerIn_DE.pdf

http://www.adam-europe.eu/prj/11529/prd/4/2/SInnDESIGN_HandbuchLehrerInTrainerIn_DE.pdf

SInnDESIGN_ManualProfesoresFormadores_final_ES.pdf

http://www.adam-europe.eu/prj/11529/prd/4/2/SInnDESIGN_ManualProfesoresFormadores_final_ES.pdf

SInnDESIGN_ManualProfessoresFormadores_final_PT.pdf

http://www.adam-europe.eu/prj/11529/prd/4/2/SInnDESIGN_ManualProfessoresFormadores_final_PT.pdf

SInnDESIGN_ManualTeachersTrainers_final_EN.pdf

http://www.adam-europe.eu/prj/11529/prd/4/2/SInnDESIGN_ManualTeachersTrainers_final_EN.pdf

SInnDESIGN_Undervisermanual_DK.pdf

http://www.adam-europe.eu/prj/11529/prd/4/2/SInnDESIGN_Undervisermanual_DK.pdf

Produit 'SInnDesign National and Sectoral Training Strategies'

Titre: SInnDesign National and Sectoral Training Strategies

Type de Produit: Autres

Texte marketing: Overview over possible levels and strategies for the implementation of SInnDesign materials and tools into the VET systems of the partner countries based on similarities and differences of educational systems and sectoral integration of DfS. Relevant stakeholder for the implementation of sectoral and national procedures for curricula development have been identified.

Description: Overview over possible levels and strategies for the implementation of SInnDesign materials and tools into the VET systems of the partner countries based on similarities and differences of educational systems and sectoral integration of DfS. Relevant stakeholder for the implementation of sectoral and national procedures for curricula development have been identified.
The situation analysis in WP 1 presents the basis for the development of the national training strategies: the VET offer has been screened and the degree of the integration of Design for Sustainability (DfS) has been pointed out. Via interviews with VET institutions and business associations of the addressed three sectors and the performed online questionnaires for companies, the demands and needs on education on DfS have been portrayed. SInnDesign materials and tools have been developed for two levels, levels 4 and 5, having in mind the differences and specificities of each level and country.
In each partner country the VET systems show specific characteristics in sharing of competences for curricula development whereas there are some similarities in the structure of Vocational and Educational Training: In Portugal and Spain the VET system is more based on institutional education whereas in Denmark and Austria there is the so called DUAL System with both combining presence at school and practice in companies. On basis of the gathered information of WP 1 the appropriate IVET levels to be addressed in each participating country have been selected. Therefore, for each country, a short general overview of the education system is given and subsequently a deepening on the educational levels and the curricula development on these levels.
A description of the possibilities in short and long term integration of the developed SInnDesign materials and tools is given for the four partner countries. Goal of the national training strategies is to show the procedures and involved stakeholders for curricula development or changes of individual subjects or modules. The training strategies are based upon the CEDEFOP country reports on VET in Europe (http://www.cedefop.europa.eu/en/information-services/vet-in-europe-country-reports.aspx) and the contribution of national experts.
For the comparability of the VET systems the EQF European Qualification Framework has been used and the situation analysis shows the suitable educational levels to be addressed.

Cible: - VET institutions offering trainings
- authorities involved in course or curricula development
- ministry of education, business etc. responsible for quality standards and development of further and future education and qualification strategies
- other stakeholders like chamber of commerce who present the link from educational to professional life

Résultat: Training strategies

Domaine d'application: Integration of Design for sustainability methodologies and tools in VET

Adresse du site Internet: www.sinndesignproject.eu

Langues de produit: anglais

product files

SInnDESIGN_National-training-strategies_final_EN.pdf

http://www.adam-europe.eu/prj/11529/prd/5/1/SInnDESIGN_National-training-strategies_final_EN.pdf

Produit 'SInnDesign Guideline for implementation of DfS in VET'

Titre: SInnDesign Guideline for implementation of DfS in VET

Type de Produit: Autres

Texte marketing: The General Strategic Guideline for the integration of design for sustainability in VET presents a more general, methodical approach on how to integrate DfS and Sustainability aspects into new and already existing curricula. The involvement of key players in the national VET systems and incremental integration from an early stage of the project should ensure the praxis-oriented and target-aimed content of the guidance.

Description: The General Strategic Guideline for the integration of design for sustainability in VET presents a more general, methodical approach on how to integrate DfS and Sustainability aspects into new and already existing curricula. The involvement of key players in the national VET systems and incremental integration from an early stage of the project should ensure the praxis-oriented and target-aimed content of the guidance.

Different aspects for the implementation of new content which have to be considered are listed and present an orientation for interested stakeholders to adapt the SInnDesign training program to their specific purposes and develop strategies for the integration on curricula, training program or course level. The experience of the development steps during project implementation and the situation in the four partner countries serve as basis for the more general recommendations which form this guideline.

For the development of an overall strategic guideline for a successful implementation of the developed content the documented constraints and key success factors for the integration of new content into established systems within the National Training Strategies has been crucial. At the beginning of the project a list of relevant stakeholders for the implementation and dissemination (VET providers, policy makers, and companies) has been elaborated and connected to the documented procedures of developing new VET courses in each country. This matrix is a very important part of the above described training strategies and serves as basis for developing a general guideline for the integration of Design for Sustainability.

Cible: - VET institutions
- R&D institutions which offer content and tools and try to spread their outcomes
- Other stakeholders in content and curricula development

Résultat: Guidance material to new approaches and methodologies

Domaine d'application: VET training

Adresse du site Internet: www.sinndesignproject.eu

Langues de produit: anglais

product files

SInnDESIGN_General_Strategic_Guideline_final.pdf
http://www.adam-europe.eu/prj/11529/prd/6/1/SInnDESIGN_General_Strategic_Guideline_final.pdf

Produit 'SInnDesign Manual on DfS and Innovation'

Titre: SInnDesign Manual on DfS and Innovation

Type de Produit: Matériel d'apprentissage

Texte marketing: The SInnDesign manual supports building knowledge and competences on Design for Sustainability by taking the students/practitioners through the relevant aspects.

Description: he manual consists of 10 theoretical modules and 7 practical modules. It has a flexible character, so it is possible to focus on the modules one-by-one, or to include all of them in a holistic approach unveiling the complete DfS process, depending on the needs and prior knowledge of users. Each module consists of an introduction and objectives, a series of slides for lectures or self-learning and a section with references and further reading. The theoretical modules are supported by Background materials, composed of 10 chapters whose content provides the theoretical basis for in-depth learning and applying DfS. The theoretical modules are:
• Introduction
• Design for sustainability overview
• Innovation and design for sustainability
• Stakeholder engagement
• Design for sustainability processes
• Analysis of sustainability profile
• Design for sustainability principles
• Creativity techniques
• Sustainability communication
• Design and sustainability management

The practical modules are complementary to SInnDesign Tools:
• Design for Sustainability brief
• Motivating Factors
• Design for Sustainability Checklists
• Quality Function Deployment
• Matrix for evaluation of Design for Sustainability Ideas
• Stakeholder Analysis
• Ecodesign PILOT -“Product Investigation, Learning and Optimization Tool for sustainable development”

Cible: - VET institutions
- Manufacturers, suppliers or others included in the value chain of habitat products.
- Designers
- Trainers and teachers of VET institutions
- Business associations
- Other related with educational purpose

Résultat: Training material that provides the necessary theoretical and practical information for VET students and professional already in the labour market to qualify, gain knowledge, capabilities and skills on sustainability and innovation

Domaine d'application: Training and open learning

Adresse du site Internet: www.sinndesignproject.eu

Langues de produit: danois
allemand
anglais
espagnol
portugais

product files

Danish version

Designresume_DK.pdf
http://www.adam-europe.eu/prj/11529/prd/7/6/Designresume_DK.pdf

SInnDesign Manual_Præsentation_DK.pdf
http://www.adam-europe.eu/prj/11529/prd/7/6/SInnDesign%20Manual_Pr%C3%A6sentation_DK.pdf

SInnDesign Manual_PraktiskModul_DfB Checklister_DK.pdf
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http://www.adam-europe.eu/prj/11529/prd/8/6/SInnDesign_Tool%20Stakeholder%20Analyse_DE.xlsm

product files

Portuguese versions

Ferramenta SInnDesign_Analise de stakeholders_PT.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/3/Ferramenta%20SInnDesign_Analise%20de%20stakeholders_PT.xlsm

Ferramenta SInnDesign_Checklists de DfS_PT.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/3/Ferramenta%20SInnDesign_Checklists%20de%20DfS_PT.xlsm

Ferramenta SInnDesign_Fatores de motivação_PT.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/3/Ferramenta%20SInnDesign_Fatores%20de%20motiva%C3%A7%C3%A3o_PT.xlsm

Ferramenta SInnDesign_Matriz Avaliacao Opcoes DfS _PT.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/3/Ferramenta%20SInnDesign_Matriz%20%20Avaliacao%20Opcoes%20DfS%20_PT.xlsm

Ferramenta SInnDesign_QFD_PT.xls
http://www.adam-europe.eu/prj/11529/prd/8/3/Ferramenta%20SInnDesign_QFD_PT.xls

SInnDesign_Ferramenta_DfS Brief_PT.docx
http://www.adam-europe.eu/prj/11529/prd/8/3/SInnDesign_Ferramenta_DfS%20Brief_PT.docx

Spanish versions

SInnDesign_Herramienta_Analisis de Partes Interesedas_ES.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_Herramienta_Analisis%20de%20Partes%20Interesedas_ES.xlsm

SInnDesign_Herramienta_Brief DpS ES.docx
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_Herramienta_Brief%20DpS%20ES.docx

SInnDesign_Herramienta_Factores de Motivación ES.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_Herramienta_Factores%20de%20Motivaci%C3%B3n%20ES.xlsm

SInnDesign_Herramienta_ Listas de comprobación ES.xlsm
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_Herramienta_%20Listas%20de%20comprobaci%C3%B3n%20ES.xlsm

SInnDesign_Herramienta_Matriz de evaluacion ideas ES.xlsx
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_Herramienta_Matriz%20de%20evaluacion%20ideas%20ES.xlsx

SInnDesign_HerramientaQFD_ES.xls
http://www.adam-europe.eu/prj/11529/prd/8/4/SInnDesign_HerramientaQFD_ES.xls

Produit 'SInnDesign Background Materials'

Titre:	SInnDesign Background Materials
Type de Produit:	Matériel pour l'enseignement
Texte marketing:	SInnDesign Background Materials provide the theoretical background for DfS learning and implementation and target the teachers and trainers as well as more advanced students and design practitioners with some previous knowledge about sustainability they are organized in modules. The materials are available in English.
Description:	10 Background Materials that support the theoretical modules of the Manual for in-depth knowledge. These are: • Introduction • Design for sustainability overview • Innovation and design for sustainability • Stakeholder engagement • Design for sustainability processes • Analysis of sustainability profile • Design for sustainability principles • Creativity techniques • Sustainability communication • Design and sustainability management In addition, a glossary with the most relevant terms for the understanding of each background material has been developed. The Background Materials are available on-line for download as pdf files, but were formated with the purpose of being reading-friendly on the screen.
Cible:	- Manufacturers, suppliers or others included in the chain value of habitat products. - Designers - Trainers (teachers) of VET institutions - Researchers - Business associations - Other related with educational purpose
Résultat:	In-depth learning modules
Domaine d'application:	Training and self-learning
Adresse du site Internet:	www.sinndesignproject.eu
Langues de produit:	anglais

product files

Background Material_Analysis of Sust profile.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Analysis%20of%20Sust%20profile.pdf

Background Material_Communication_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Communication_EN.pdf

Background Material_Creativity Techniques_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Creativity%20Techniques_EN.pdf

Background Material_Design and Sus management_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Design%20and%20Sus%20management_EN.pdf

product files

Background Material_DfS Overview_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_DfS%20Overview_EN.pdf

Background Material_DfS principles_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_DfS%20principles_EN.pdf

Background Material_DfS processes_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_DfS%20processes_EN.pdf

Background Material_Innovation and DfS_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Innovation%20and%20DfS_EN.pdf

Background Material_Introduction_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Introduction_EN.pdf

Background Material_Stakeholder Engagement_EN.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/Background%20Material_Stakeholder%20Engagement_EN.pdf

SInnDesign Glossary.pdf
http://www.adam-europe.eu/prj/11529/prd/9/1/SInnDesign%20Glossary.pdf

Produit 'Show cases and catalogue os good practices'

Titre:	Show cases and catalogue os good practices
Type de Produit:	Autres
Texte marketing:	Showcases of the application of the methodology and tools,intended to supply companies, designers, students and others with useful and updated information on products where DfS criteria were used leading to innovative solutions that can be seen as inspiring good practices
Description:	Showcases of the application of the methodology and tools have been developed. These case studies, focusing on the three target sectors (textiles, building materials and furniture) are displayed on the website and bundled in the SInnDesign Catalogue of Good Practice Examples
Cible:	Manufacturers, suppliers or others included in the chain value of habitat products. Designers Trainers (teachers) of VET institutions Trainees (students) of VET institutions Business associations Other related with educational purpose, design and product development
Résultat:	Show cases
Domaine d'application:	
Adresse du site Internet:	www.sinndesignproject.eu
Langues de produit:	espagnol portugais allemand anglais danois

product files

Case study Arne Jacobsen laminated chair_2.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20Arne%20Jacobsen%20laminated%20chair_2.pdf

Case study Arne Jacobsen laminated chair.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20Arne%20Jacobsen%20laminated%20chair.pdf

Case study Camper.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20Camper.pdf

Case study Chester folding.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20Chester%20folding.pdf

Case study Cradle Sweet Greens.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20Cradle%20Sweet%20Greens.pdf

Case study ECODESIGN PILOT applied on a Cotton towel.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20ECODESIGN%20PILOT%20applied%20on%20a%20Cotton%20towel.pdf

product files

Case study ECODESIGN PILOT applied on a Microfiber Towel.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20ECODESIGN%20PILOT%20applied%20on%20a%20Microfiber%20Towel.pdf

Case study ECODESIGN PILOT applied on Cover materials.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20ECODESIGN%20PILOT%20applied%20on%20Cover%20materials.pdf

Case study ECODESIGN PILOT applied on Outdoorcoat.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20ECODESIGN%20PILOT%20applied%20on%20Outdoorcoat.pdf

Case study IEstile.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20IEstile.pdf

Case study KEA.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20KEA.pdf

Case study LUXOR.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20LUXOR.pdf

Case study PLAY BED.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20PLAY%20BED.pdf

Case study QFD of a Carpet.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20QFD%20of%20a%20Carpet.pdf

Case study SAMBURU.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20SAMBURU.pdf

Case study SWING.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20SWING.pdf

Case study WE A REFUGE.pdf
http://www.adam-europe.eu/prj/11529/prd/10/1/Case%20study%20WE%20A%20REFUGE.pdf

Produit 'SInnDesign website and platform'

Titre:	SInnDesign website and platform
Type de Produit:	
Texte marketing:	Project website/platform including the information about the project, the results for download and news feed
Description:	The project website/platform include information about the project (objectives, activities, methodologies), background materials, training materials, case studies and other deliverables and publications. It provides news, innovative contents and tools related to design for sustainability. The website is divided into six areas: (1) homepage; (2) project overview (objectives, scientific methodology and work packages and consortium); (3) DfS (4) Results (modules, tools, resources centre, catalogue of good practices, Manual for Teachers and Trainers, other SinnDesign training materials and other deliverables); (5) News; (6) Contacts;.
Cible:	SInnDesign target groups and general users applying and studying DfS, manufacturers, suppliers or others included in the chain value of habitat products, designers, trainers (teachers) of VET institutions, business associations and others interested in DfS and innovation.
Résultat:	website
Domaine d'application:	
Adresse du site Internet:	www.sinndesignproject.eu
Langues de produit:	allemand espagnol anglais portugais danois

Produit 'SInndesign promotional and pedagogic video'

Titre:	SInndesign promotional and pedagogic video
Type de Produit:	
Texte marketing:	Promotional video to disseminate the project results, the methodology, materials and case studies.
Description:	The video is an important element in order to sustain the result of the project in the targeting sectors and will useful to introducing the training situation at training institution in public as well as in the habitat sectors. In fact the video design has a broader appeal for other sectors approaching resource efficiency, including discussion of elements of the circular economy.
Cible:	- Manufacturers, suppliers or others included in the chain value of habitat products. - Designers - Trainers (teachers) of VET institutions - Business associations - Other related with educational purpose
Résultat:	Video
Domaine d'application:	Promotion and dissemination of the project
Adresse du site Internet:	https://youtu.be/en6V9shOCdY
Langues de produit:	anglais

Produit 'SInnDesign promotion material'

Titre:	SInnDesign promotion material
Type de Produit:	
Texte marketing:	Leaflet, posters, roll-ups for the promotion and dissemination of the project
Description:	The materials support the dissemination of the project in conferences, exhibitions, meetings and other related events
Cible:	- Manufacturers, suppliers or others included in the chain value of habitat products. - Designers - Trainers (teachers) of VET institutions - Researchers - Business associations - Other related with educational purpose
Résultat:	Leaflet, posters, roll-ups
Domaine d'application:	Promotion and dissemination of the project
Adresse du site Internet:	
Langues de produit:	anglais

product files

Dissemination Situation Analysis.pdf
http://www.adam-europe.eu/prj/11529/prd/13/1/Dissemination%20Situation%20Analysis.pdf

Poster Sinndesign.jpg
http://www.adam-europe.eu/prj/11529/prd/13/1/Poster%20Sinndesign.jpg

Poster SinndesignVET.jpg
http://www.adam-europe.eu/prj/11529/prd/13/1/Poster%20SinndesignVET.jpg

SInnDesign leaflet_Page_1.jpg
http://www.adam-europe.eu/prj/11529/prd/13/1/SInnDesign%20leaflet_Page_1.jpg

SInnDesign leaflet_Page_2.jpg
http://www.adam-europe.eu/prj/11529/prd/13/1/SInnDesign%20leaflet_Page_2.jpg

Produit 'Resources centre'

Titre: Resources centre

Type de Produit:

Texte marketing: Resource Centre is a comprehensive compendium of relevant resources that can be used as a knowledge hub for innovation and sustainability.

Description: The resource centre was collected by all the partners who have introduced more than 150 entries. It has been divided into the following categories:

Books, Guides, Papers and Manuals: includes the following information: Reference, Summary, Keywords, Target Audience, Sector Sustainability dimensions covered, Language and Website address

Networks and organizations: includes the following information: Reference, Summary, Keywords, Target Audience, Sector, Sustainability dimensions covered, Language and Website address

Softwares and databases: includes the following information: Reference, Public/commercial , Target Audience, Sector, Sustainability dimensions covered, Summary and Website address or contact

Standards: includes the following information: reference of the standard, Summary, Key Words, Target Audience and comments

Training material: includes the following information: name of the training material, Developer/ownership, Type of training resources, Target level of expertise, Sector, Language, Free or paid?, Description of the training material, Year of publication and Website address

Videos and other materials: includes the following information: reference, key words, type of resource and language

Cible: Manufacturers, suppliers or others included in the chain value of habitat products.
Designers
Trainers (teachers) of VET institutions
Trainees (students) of VET institutions
Business associations
Other related with educational purpose

Résultat: Resources centre

Domaine d'application: Training and learning of DfS

Adresse du site Internet: www.sinndesignproject.eu

Langues de produit: anglais