

EFORWOOD

Tools for Sustainability Impact Assessment

List of other deliverables



EFI Technical Report 86, 2011

List of other deliverables

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Preface

This report is a deliverable from the EU FP6 Integrated Project EFORWOOD – Tools for Sustainability Impact Assessment of the Forestry-Wood Chain. It consists of a list of project deliverables including their title pages, which are openly accessible. If you have a specific interest in one deliverable you are encouraged to get in touch with the contact person/institution marked in the table of deliverables.

The main objective of EFORWOOD was to develop a tool for Sustainability Impact Assessment (SIA) of Forestry-Wood Chains (FWC) at various scales of geographic area and time perspective. A FWC is determined by economic, ecological, technical, political and social factors, and consists of a number of interconnected processes, from forest regeneration to the end-of-life scenarios of wood-based products. EFORWOOD produced, as an output, a tool, which allows for analysis of sustainability impacts of existing and future FWCs.

The European Forest Institute (EFI) kindly offered the EFORWOOD project consortium to publish relevant deliverables from the project in EFI Technical Reports. The reports published here are project deliverables/results produced over time during the 52 month (2005–2010) project period. The reports have not always been subject to a thorough review process and many of them are in the process of, or will be reworked into journal articles, etc. for publication elsewhere. Some of them are just published as a “front-page”, the reason being that they might contain restricted information. In case you are interested in one of these reports you may contact the corresponding organisation highlighted on the cover page.

Uppsala in November 2010

Kaj Rosén

EFORWOOD coordinator

The Forestry Research Institute of Sweden (Skogforsk)

Uppsala Science Park

SE-751 83 Uppsala

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| Deliverable number | Title | Authors or responsible institute (contact person/institute in bold) |
|---------------------------|---|---|
| D1.2.1 | Database structure | Institute of Forest Ecosystem Research (IFER), Czech Republic |
| <i>PD1.3.2</i> | Specification of data requirements and sources | Alexander Moiseyev, European Forest Institute, Finland ; Birger Solberg, The Norwegian University of Life Sciences, Norway; Maarit Kallio, METLA, Finland |
| <i>PD1.3.4</i> | Report on results of validation / calibration of the model on base period data | Alexander Moiseyev, European Forest Institute, Finland ; Birger Solberg, The Norwegian University of Life Sciences, Norway; Maarit Kallio, METLA, Finland |
| <i>PD1.4.1</i> | Protocol for definition of processes and system boundaries | Marcus Lindner, European Forest Institute, Finland |
| <i>PD1.4.2</i> | Definition of input data requirements for ToSIA | Tommi Suominen, European Forest Institute, Finland |
| <i>PD1.4.4</i> | Definition of interface with MCA and CBA evaluation software modules | Bo Jellesmark Thorsen, The Royal Veterinary and Agricultural University ; Manfred Lexer, University of Natural Resources and Applied Life Sciences, Vienna; Marcus Lindner, European Forest Institute, Finland; Irina Prokofieva, Centre Tecnològic Forestal de Catalunya, Spain; Birger Solberg, The Norwegian University of Life Sciences, Norway; Tommi Suominen, European Forest Institute, Finland; Bernhard Wolfslehner, University of Natural Resources and Applied Life Sciences, Vienna |
| <i>PD1.5.1</i> | A guideline for selecting and defining externalities in Modules 2-5, including data format considerations | Robert Mavsar, Centre Tecnològic Forestal de Catalunya, Spain ; Irina Prokofieva, Centre Tecnològic Forestal de Catalunya, Spain; Marek Giergiczny, Centre Tecnològic Forestal de Catalunya, Spain; Bo Jellesmark Thorsen, The Royal Veterinary and Agricultural University; Suzanne Elizabeth Vedel, The Royal Veterinary and Agricultural University |
| <i>PD1.5.2</i> | Protocol for the evaluation of Multi-Criteria Analysis methods for use within EFORWOOD | Bernhard Wolfslehner, University of Natural Resources and Applied Life Sciences, Vienna ; Manfred J. Lexer, University of Natural Resources and Applied Life Sciences, Vienna; Harald Vacik, University of Natural Resources and Applied Life Sciences, Vienna; Bo J. Thorsen, The Royal Veterinary and Agricultural |

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| | | University; Suzanne Vedel, The Royal Veterinary and Agricultural University |
| PD1.5.4 | Documentation of training session "Valuation of externalities in parts of the FWC" | Irina Prokofieva, Centre Tecnològic Forestal de Catalunya, Spain; Isabel Pereira, Centre Tecnològic Forestal de Catalunya, Spain |
| D2.1.3 | Definition of forest management alternatives | PH. Dunker, Albert-Ludwigs-Universität Freiburg, Germany; H. Spiecker, Albert-Ludwigs-Universität Freiburg, Germany; K. Tojic, Albert-Ludwigs-Universität Freiburg, Germany |
| D2.1.6 | Sustainable production impact analysis of alternative forest management strategies for selected European reference forest types | Philipp Duncker, Albert-Ludwigs-Universität Freiburg, Germany; Heinrich Spiecker, Albert-Ludwigs-Universität Freiburg, Germany; Markus Huber, University of Natural Resources and Applied Life Sciences, Vienna; Pascal Schedl, University of Natural Resources and Applied Life Sciences, Vienna; Hubert Sterba, University of Natural Resources and Applied Life Sciences, Vienna; Wiliam L Mason, Forest Research, UK; Torgny Lind, Sveriges Lantbruksuniversitet, Sweden; Sebastien Cavaignac, Institut Tehnologique, France; Mohamed Najar, Institut Tehnologique, France; Guillaume Chantre, Institut Tehnologique, France; José Ramon Gonzalez, Centre Tecnològic Forestal de Catalunya, Spain; Sławomir Ambroży, Forest Research Institute, Poland; Susana Barreiro, Instituto Superior de Agronomia, Portugal; Margarida Tome, Instituto Superior de Agronomia, Portugal; Jean-Michel Carnus, Institut National de la Recherche Agronomique, France |
| PD2.2.4 | Report on quantification of environmental impact of forest operations ("response functions") | Klaus Katzensteiner, University of Natural Resources and Applied Life Sciences, Vienna; Karsten Raulund-Rasmussen, University of Copenhagen, Denmark; Per Gundersen, University of Copenhagen, Denmark; Denis Loustau; Johnny de Jong, Sveriges Lantbruksuniversitet, Sweden; Hans Peter Ravn, University of Copenhagen, Denmark; Mike Smith; Karin Hansen; Emil Klimo |
| PD2.2.5 | Report on time and scale integration of environmental impacts of forest | Philipp Duncker, Albert-Ludwigs-Universität Freiburg, Germany; Karsten Raulund-Rasmussen, |

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| | management alternatives by use of generic modelling approach | University of Copenhagen, Denmark; Per Gundersen, University of Copenhagen, Denmark ; Johnny de Jong, Sveriges Lantbruksuniversitet, Sweden; Klaus Katzensteiner, University of Natural Resources and Applied Life Sciences, Vienna; Hans Peter Ravn, University of Copenhagen, Denmark; Mike Smith; Otto Eckmüllner, University of Natural Resources and Applied Life Sciences, Vienna |
| D2.3.7 | Modelling the impacts of Forest Management Alternatives on recreational values in Europe | Mart-Jan Schelhaas, Markus Didion, Geerten Hengeveld, Gert-Jan Nabuurs, European Forest Institute, Finland; Bill Mason, Marcus Lindner, European Forest Institute, Finland; Alex Moiseyev, David Edwards, Forest Research, UK; Marion Jay, Frank Jensen, Beatriz Lucas, Mariella Marzano, Claire Montagne, Andy Peace, Gerhard Weiss, European Forest Institute, Finland |
| PD2.4.4 | Methodology to estimate the effects of new forest management alternatives on wood volume loss using hazard-specific risk analyses | Hervé Jactel, Institut National de la Recherche Agronomique, France; Manuela Branco, Jean-Michel Carnus, José Ramón Gonzalez, Wojciech Grodzki, Bo Langstrom, Francisco Moreira, Sigrid Netherer, Bruce Nicoll, Christophe Orazio, European Forest Institute, Finland; Dominique Piou, Helena Santos, Mart-Jan Schelhaas and Karl Tojic |
| PD2.4.5 | Report on feasibility of using Multi Criteria Analysis to evaluate effects of forest management alternatives on risks | Hervé Jactel, Institut National de la Recherche Agronomique, France; Manuela Branco, Jean-Michel Carnus, José Ramón Gonzalez, Wojciech Grodzki, Bo Langstrom, Francisco Moreira, Sigrid Netherer, Bruce Nicoll, Christophe Orazio, European Forest Institute, Finland; Dominique Piou, Helena Santos, Mart-Jan Schelhaas and Karl Tojic |
| D2.4.6 | Synthesis on main outcomes of the simulation on the effects of Forest Management Alternatives (FMA) on forest damage indicators | Hervé Jactel, Institut National de la Recherche Agronomique, France; Manuela Branco, Jean-Michel Carnus, José Ramón Gonzalez, Wojciech Grodzki, Bo Langstrom, Francisco Moreira, Sigrid Netherer, Bruce Nicoll, Christophe Orazio, European Forest Institute, Finland; Dominique Piou, Mart-Jan Schelhaas, Karl Tojic |
| PD2.5.4 | Set of improved models for use in the regional simulators and in the European simulator | Margarida Tomé, Sónia Faias, Susana Barreiro and Véronique Cucchi |

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| D3.2.3 | SI-data for harvesting operations based on 3.2.1 and 3.2.2 | Skogforsk, Sweden |
| PD3.2.2 | Descriptions of the harvesting systems and methods applied in the test chains with the necessary machines, labour and other resources | Skogforsk, Sweden |
| PD3.2.4 | Data collection of harvesting processes to be provided for ToSIA at case study level | Staffan Berg, Skogforsk, Sweden; Gero Becker, Albert-Ludwigs-Universität Freiburg, Germany; Torsten Bensemann, Baden-Württemberg Forest Research Institute, Germany; Franka Brüchert, Baden-Württemberg Forest Research Institute, Germany; Leif Nutto, Albert-Ludwigs-Universität Freiburg, Germany; Mikaël Poissonnet, Institut Technologique, France; Arnaud Villette, Institut Technologique, France |
| PD3.2.5 | Prototype development of stratified partial models for harvesting on case study levels | Staffan Berg, Skogforsk, Sweden; Janine Fischbach, Albert-Ludwigs-Universität Freiburg, Germany; Torsten Bensemann, Baden-Württemberg Forest Research Institute, Germany; Stefania Pizzirani, Forest Research, UK; Mikaël Poissonnet, Institut Technologique, France |
| PD3.2.6 | Set of data for harvesting processes to be put into ToSIA at case study and European case level | Staffan Berg, Skogforsk, Sweden; Janine Fischbach, Albert-Ludwigs-Universität Freiburg, Germany; Mikaël Poissonnet, Institut Technologique, France; Anne Varet, Institut Technologique, France; Stefania Pizzirani, Forest Research, UK; Franka Brüchert, Baden-Württemberg Forest Research Institute, Germany ; Carolin Arbeit, Baden-Württemberg Forest Research Institute, Germany; Axel Winking, Baden-Württemberg Forest Research Institute, Germany ; Torsten Bensemann, Baden-Württemberg Forest Research Institute, Germany; Vinzenz Fundel, Albert-Ludwigs-Universität Freiburg, Germany; Bernhard Bürzle, Albert-Ludwigs-Universität Freiburg, Germany; Gero Becker, Albert-Ludwigs-Universität Freiburg, Germany |
| PD3.3.4 | Data collection of transport processes to ToSIA at case | Institut Technologique, France |

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| | study and EU level | |
| <i>PD3.3.6</i> | Stratified partial model on transport | Institut Technologique, France |
| D4.1.1 | Report with defined selected Criteria and Indicators for manufacturing | Kenniscentrum Papier en Karton, The Netherlands |
| D 4.1.5 | Report with a full set of data for Criteria and Indicators | STFI-Packforsk, Sweden; Kenniscentrum Papier en Karton, The Netherlands |
| D4.1.9 | Report describing the Manufacturing Processes in the European Cases | Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; STFI-Packforsk, Sweden; Kenniscentrum Papier en Karton, The Netherlands; Pöyry Forest Industry Consulting Oy, Finland; Building Research Establishment, UK; Technical University in Zvolen, Slovakia; and Technical Research Centre of Finland (VTT), Finland |
| <i>PD4.1.2</i> | Report describing relevant policies and outline of the FWC cases | Andreas Kleinschmit von Lengefeld, European Confederation of Woodworking Industries, Belgium; Fahrudin Bajric, Confederation of European Paper Industries, Belgium |
| <i>PD4.1.3</i> | Report with first set of data for the indicators for manufacturing | Jobien Laurijsen, Kenniscentrum Papier en Karton, The Netherlands; Katie Livesey, Building Research Establishment, UK; Pia Nilsson, JPC; Anna von Schenck, STFI-Packforsk, Sweden; Helena Wessman, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland |
| <i>PD4.1.4</i> | Report with simplified but full test chains on various manufacturing chains per 2005 | Jobien Laurijsen, Kenniscentrum Papier en Karton, The Netherlands; Anna von Schenck, STFI-Packforsk, Sweden; Arto Usenius, Technical Research Centre of Finland (VTT), Finland; Helena Wessman, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Margareta Wihersaari, Technical Research Centre of Finland (VTT), Finland |
| <i>PD4.1.7</i> | Report describing the Manufacturing Processes in the Case studies | STFI-Packforsk, Sweden; Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Kenniscentrum Papier en Karton, The Netherlands; PFIC Pöyry Forest Industry Consulting, Finland; Building Research Establishment, UK; and Technical Research Centre of Finland (VTT), Finland |
| <i>PD4.1.8</i> | Report describing the way of handling the data collection needed in ToSIA, by suggest useable databases, define | Katri Behm, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Arto Usenius, Technical Research Centre of Finland (VTT), Finland; |

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| | groups of products and set up autonomous trend factors | Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; Anna von Schenck, STFI-Packforsk, Sweden; Hans Dahlin, STFI-Packforsk, Sweden; Pia Nilsson, Pöyry Forest Industry Consulting Oy, Finland; Katie Livesey, Building Research Establishment, UK; Margareta Wihersaari, Technical Research Centre of Finland (VTT), Finland |
| <i>PD4.1.11</i> | Report describing the experiences from data collection for the manufacturing processes (Final report) | Oy Keskuslaboratorio – Centrallaboratorium Ab (KCL), Finland; Innventia AB, Sweden; Kenniscentrum Papier en Karton, The Netherlands; Pöyry Forest Industry Consulting Oy, Finland; Building Research Establishment, UK; Technical University in Zvolen, Slovakia; and Technical Research Centre of Finland (VTT), Finland |
| <i>PD4.2.1</i> | Tool for selection of key performance indicators | Arto Usenius, Technical Research Centre of Finland (VTT), Finland; Margareta Wihersaari, Technical Research Centre of Finland, (VTT) Finland; Katie Livesey, Building Research Establishment, UK; Geraldine Lea, Building Research Establishment, UK |
| <i>PD4.2.3</i> | Report on review of technology development trends within the various processes | Katri Behm, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Helena Wessman, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Tiina Pajula, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Arto Usenius, Technical Research Centre of Finland (VTT), Finland; Jorma Fröblom, Technical Research Centre of Finland (VTT), Finland; Margareta Wihersaari; Anna von Schenk, STFI-Packf Technical Research Centre of Finland (VTT), Finland; Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; Pia Nilsson, Pöyry Forest Industry Consulting Oy, Finland; Katie Livesey, Building Research Establishment, UK; Dylan Mitchell, Building Research Establishment, UK; Marian Babiak, Technical University in Zvolen, Slovakia; Andreas Kleinschmit von Lengefeld, Cei-Bois, Belgium; Jori Ringman, Confederation of European Paper Industries (CEPI), Belgium |

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| PD4.2.4 | Benchmarking options across the manufacturing FWC and throughout Europe | Pöyry Forest Industry Consulting Oy, Finland; Technical Research Centre of Finland (VTT), Finland; Building Research Establishment, UK |
| PD4.2.5 | Report on conditions and consequent timing of technological developments in processes relevant to case studies | Geraldine Lea, Building Research Establishment, UK; Geoff Cooper, Building Research Establishment, UK; Chris Holland, Building Research Establishment, UK; Ed Suttie, Building Research Establishment, UK; Katri Behm, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; Arto Usenius, Technical Research Centre of Finland (VTT), Finland; Jorma Froblom, Technical Research Centre of Finland (VTT), Finland; Margareta Wihersaari, Technical Research Centre of Finland (VTT), Finland; Hannele Lehtinen, Pöyry Forest Industry Consulting Oy, Finland; Pia Nilsson, Pöyry Forest Industry Consulting Oy, Finland; Marian Babiak, Technical University in Zvolen, Slovakia; Rudolph Kropil, Technical University in Zvolen, Slovakia |
| D4.2.15 | Lessons learned in WP 4.2: Review, implication and the way forward | Katie Johnson, Building Research Establishment, UK; Shane Porter, Building Research Establishment, UK; Katie Livesey, Building Research Establishment, UK; Elisabeth Bergnor, INNVENTIA AB, Sweden; Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; Juulia Rouhiainen, Pöyry Forest Industry Consulting Oy, POYRY, Finland; Arto Usenius, Technical Research Centre of Finland (VTT), Finland; Katri Behm, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland |
| PD4.2.6 | Conceptual outline of response functions and draft response functions for case studies | Pöyry Forest Industry Consulting Oy, Finland |
| PD4.2.7 | Report on conditions and consequent timing of technological developments in processes including the identification of country differences and obstacles to adopting changes relevant to whole Europe - Elaboration of | Shane Porter, Building Research Establishment, UK; Katie Livesey, Building Research Establishment, UK; Katri Behm, Oy Keskuslaboratorio – Centrallaboratorium Ab, Finland; Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; Arto Usenius, Technical Research |

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| | Deliverable PD4.2.5 for whole Europe | Centre of Finland (VTT), Finland; Jorma Froblom, Technical Research Centre of Finland (VTT), Finland; Margareta Wihersaari, Technical Research Centre of Finland (VTT), Finland; Hannele Lehtinen, Pöyry Forest Industry Consulting Oy, Finland; Sirja Pajari, Pöyry Forest Industry Consulting Oy, Finland; Pia Nilsson, Pöyry Forest Industry Consulting Oy, Finland; Marian Babiak, Technical University in Zvolen, Slovakia; Rudolph Kropil, Technical University in Zvolen, Slovakia |
| <i>PD4.2.9</i> | Technology scenario impacts | Kenniscentrum Papier en Karton, The Netherlands |
| <i>PD4.2.12</i> | Sustainability indicators for FWC; Background of approaches for reference futures | Building Research Establishment, UK |
| <i>PD4.3.2</i> | First Report on the Industry's Competitiveness and its Impact on Industry Dynamics | Pöyry Forest Industry Consulting Oy, Finland; Kenniscentrum Papier en Karton, The Netherlands |
| <i>PD4.3.3</i> | First Report on the Interdependence between the Agents within the Forestry-Wood Chain or Forest Industry Value Chain Dynamics | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.5</i> | Summary report of the first EFI-GTM task, PD 4.3.1 | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.6</i> | Summary report of the EFI-GTM tasks | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.7</i> | Conceptual description of the value added model | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.8</i> | Draft description of response function framework and examples | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.9</i> | Final report on value added model and response functions | Pöyry Forest Industry Consulting Oy, Finland |
| <i>PD4.3.10</i> | Final Report on the Industry's Competitiveness and its Impact on Industry Dynamics | Pöyry Forest Industry Consulting Oy, Finland; Kenniscentrum Papier en Karton, The Netherlands |
| D5.1.6 | Report with collected data for the ToSIA test chains/single chains and process mapping/definition of ToSIA case studies | Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain |
| D5.2.3 | Case study report containing analysis of the most relevant value chains from a FWC sustainability, consumer/market and micro-economic perspective. The report is based on a range of qualitative and quantitative | Jesús Navarro, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Jose Vicente Oliver, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Vicente Sales, Asociación de Investigación y |

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| | methods including surveys, interviews and focus groups | Desarrollo en la Industria del Mueble y Afines, Spain; Gus Verhaeghe, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Raquel Minguet, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Carlos Soriano, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Beatrix Szirmay, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Ian Byrne, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; Carl Olsmats, STFI-Packforsk, Sweden; Dorotea Slimani, STFI-Packforsk, Sweden; Cathrine Lofgren, STFI-Packforsk, Sweden; Hannele Lehtinen, Pöyry Forest Industry Consulting Oy, Finland; Dennis Hellöre, Pöyry Forest Industry Consulting Oy, Finland; Mathias Lundt, Pöyry Forest Industry Consulting Oy, Finland; Pia Nilsson, Pöyry Forest Industry Consulting Oy, Finland |
| D5.2.4 | Summary analysis report on consumers, wood based products and substitutes in the light of the forestry-wood chain sustainability concept including the identification of hot spots | Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain |
| D5.2.7 | Report on training methods for the analysis of consumers' attitude to FWC products | Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain |
| D5.2.9 | Case study "Iberian Market" - Final Report | Ludovic Guinard, Institut Technologique, France; Jean-Baptiste Chesneau, Institut Technologique, France; Matthieu Forcet, Institut Technologique, France; Katri Behm, Technical Research Centre of Finland (VTT), Finland; Carl Olsmats, Innventia AB, Sweden; Cathrine Löfgren, Innventia AB, Sweden; Malin Kronqvist, Innventia AB, Sweden; Chris Dominic, Innventia AB, Sweden; Hannele Lehtinen, Pöyry Forest Industry Consulting Oy, Finland; Juulia Rouhiainen, Pöyry Forest Industry Consulting Oy, Finland; Jobien Laurijssen, Kenniscentrum Papier en Karton, The Netherlands; |

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| | | Beatrix Szirmay, Asociación de Investigación y Desarrollo en la Industria del Mueble y Afines, Spain; |
| <i>PD5.2.10</i> | Experiences from ToSIA Data Collection | Institut Technologique, France |
| D5.3.1 | Intermediate progress report – M5 Partial SIA process tool | Innventia AB, Sweden |
| D5.3.5 | Pro-active Sustainable Strategies and their implication upstream | Innventia AB, Sweden |
| <i>PD5.3.2</i> | Draft of Vision and Pro-active Sustainable Strategies | Innventia AB, Sweden |
| <i>PD5.3.3</i> | Report on M5 Sustainability Process Tool - Qualitative SIA process tool | Innventia AB, Sweden |
| <i>PD5.3.4</i> | Report on analysis of the draft Pro-active Sustainability Strategies and their implication upstream | Innventia AB, Sweden |



EFORWOOD

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of the Forestry - Wood Chain



Project no. 518128

EFORWOOD

Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable D1.2.1
Database structure

Due date of deliverable: November 2006

Actual submission date: 30 October 2006

Start date of project: 1.11.2005

Duration: 4 years

Organization name of lead contractor for this deliverable: IFER

Revision [FINAL]

| Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006) | | |
|--|---|---|
| Dissemination Level | | |
| PU | Public | |
| PP | Restricted to other programme participants (including the Commission Services) | X |
| RE | Restricted to a group specified by the consortium (including the Commission Services) | |
| CO | Confidential, only for members of the consortium (including the Commission Services) | |



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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD1.3.2
Specification of data requirements and sources

Due date of deliverable: Month 8
Actual submission date: Month 16

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: UMB
Authors: Alexander Moiseyev (EFI), Birger Solberg (UMB), Maarit Kallio (METLA)
WP 1.3: FWC markets and trade – from local to global

Final version

| Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006) | | |
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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable PD1.3.4
Report on results of validation / calibration of the model on base period data

Due date of deliverable: Month 48

Actual submission date: Month 51

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: EFI, UMB

Final version

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable PD1.4.1

Protocol for definition of processes and system boundaries

Due date of deliverable: 31. 1. 2006

Actual submission date: 15. 2. 2006 (first draft), 22. 4. 2006 (revised version), 26. 6. 2006
(second revision)

Start date of project: 01-11-2005

Duration: 4 years

Organisation name of lead contractor for this deliverable: EFI

Revision [FINAL]

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable PD1.4.2
Definition of input data requirements for ToSIA

Due date of deliverable: 31. 7. 2006

Actual submission date: 1. 9. 2006

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: EFI

Revision [FINAL]

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)

Dissemination Level

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Project no. 518128-2

EFORWOOD

Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD 1.4.4

Definition of interface with MCA and CBA evaluation software modules

Due date of deliverable: Month 12

Actual submission date: Month 16

Start date of project: 01112005

Duration: 4 years

Organisation name of lead contractor for this deliverable: Royal Veterinary and Agricultural University (KVL)

Revision [final version]

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Project no. 518128

EFORWOOD

Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable PD1.5.1
A guideline for selecting and defining externalities in Modules 2-5,
including data format considerations

Due date of deliverable: 30.04.2006

Actual submission date: 30.09.2006

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: CTFC and FLD.

Revision [FINAL]

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)

Dissemination Level

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD1.5.2
**Protocol for the evaluation of Multi-Criteria Analysis methods for use
within EFORWOOD**

Due date of deliverable: Month 9
Actual submission date: Month 22

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: BOKU, Dept. of Forest and Soil
Sciences/Institute of Silviculture

Final version

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD1.5.4

Documentation of training session “Valuation of externalities in parts of the FWC”

Due date of deliverable: Month 18

Actual submission date: Month 22

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: CTFC – Centre Tecnològic Forestal de Catalunya, Spain

Final version

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

**Deliverable D2.1.3:
Definition of forest management alternatives**

Due date of deliverable: Month 20

Actual submission date: Month 26

Start date of project: 01.11.05

Duration: 4 years

Organisation name of lead contractor for this deliverable:

Albert-Ludwigs-Universität Freiburg, Institute for Forest Growth (Partner 5)

Final version

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D2.1.6
Sustainable production impact analysis of alternative forest management strategies for selected European reference forest types

Due date of deliverable: Month 46

Actual submission date: 52

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable:

Albert-Ludwigs-Universität Freiburg, Institute for Forest Growth, Germany

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD2.2.4
Report on quantification of environmental impact of forest operations
(“response functions”)

Due date of deliverable: Month 40

Actual submission date: Month 51

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: KU, Denmark

Final version

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD2.2.5

Report on time and scale integration of environmental impacts of forest management alternatives by use of generic modelling approach

Due date of deliverable: Month 44

Actual submission date: Month 55

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: University of Copenhagen (KU), Denmark

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D2.3.7
Modelling the impacts of Forest Management Alternatives on recreational values in Europe

Due date of deliverable: Month 48

Actual submission date: Month 56

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Forest Research (FR)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD2.4.4

Methodology to estimate the effects of new forest management alternatives on wood volume loss using hazard-specific risk analyses

Due date of deliverable: Month 38

Actual submission date: Month 46

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: INRA

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD2.4.5

Report on feasibility of using Multi Criteria Analysis to evaluate effects of forest management alternatives on risks

Due date of deliverable: Month 38

Actual submission date: Month 41

Start date of project: 01/11/05

Duration: 4 years

Organisation name of lead contractor for this deliverable: INRA

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D2.4.6
**Synthesis on main outcomes of the simulation on the effects of
Forest Management Alternatives (FMA) on forest damage indicators**

Due date of deliverable: Month 44
Actual submission date: Month 52

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: INRA

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD2.5.4

Set of improved models for use in the regional simulators and in the European simulator

Due date of deliverable: Month 28

Actual submission date: Month 37

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: ISA

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

D3.2.3 SI-data for harvesting operations based on 3.2.1 and 3.2.2

Due date of deliverable: 30.10.06

Actual submission date: 30.10.06

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Skogforsk

Revision [FINAL]

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Thematic Priority: 6.3 Global Change and Ecosystems

PD3.2.2

Descriptions of the harvesting systems and methods applied in the test chains with the necessary machines, labour and other resources

Due date of deliverable: 31st July, 2006
Actual submission date: 17th August, 2006

Start date of project: 011106
Duration: 4 years

Organisation name of lead contractor for this deliverable: Skogforsk.

Revision [FINAL]

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD3.2.4

Data collection of harvesting processes to be provided for ToSIA at case study level

Due date of deliverable: Month 25 (moved to Month 33)

Actual submission date: Month 41

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Skogforsk, Sweden

Final version

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD3.2.5

Prototype development of stratified partial models for harvesting on case study levels

Due date of deliverable: Month 32

Actual submission date: Month 41

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Skogforsk, Sweden

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD3.2.6

Set of data for harvesting processes to be put into ToSIA at case study and European case level

Due date of deliverable: Month 42

Actual submission date: Month 52

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Skogforsk, Sweden

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD3.3.4

Data collection of transport processes to ToSIA at case study and EU level

Due date of deliverable: Month 42

Actual submission date: Month 48

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: FCBA France

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD3.3.6
Stratified partial model on transport

Due date of deliverable: Month 42
Actual submission date: Month 48

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: FCBA France

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D4.1.1
Report with defined selected Criteria and Indicators for manufacturing

Due date of deliverable: 01.05.2006

Actual submission date: 01.05.2006

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: KCPK

Revision [FINAL]

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D 4.1.5
Report with a full set of data for Criteria and Indicators

Due date of deliverable: 01.11.2006

Actual submission date: 31.10.2006

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: STFI-Packforsk and KCPK

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D4.1.9
Report describing the Manufacturing Processes in the European Cases

Due date of deliverable: Month 40

Actual submission date: Month 41

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractors of this deliverable:

Oy Keskuslaboratorio – Centrallaboratorium Ab and
STFI-Packforsk, KCPK, Pöyry, BRE, TUZVO and VTT

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Project Deliverable PD 4.1.2.
Report describing relevant policies and outline of the FWC cases

Main authors:

Andreas Kleinschmit von Lengefeld, CEI-Bois
Fahrudin Bajric, CEPI

Due date of deliverable: 30.6.2006

Actual submission date: 30.6.2006

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: CEI-Bois, CEPI

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Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.1.3
Report with first set of data for the indicators for manufacturing

Due date of deliverable: Month 6

Actual submission date: Month 27

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: STFI-Packforsk

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.1.4

Report with simplified but full test chains on various manufacturing chains per 2005

Due date of deliverable: Month 6

Actual submission date: Month 27

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: STFI-Packforsk

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.1.7

Report describing the Manufacturing Processes in the Case studies

Due date of deliverable: Month 26

Actual submission date: Month 38

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractors of this deliverable:

STFI-Packforsk, KCL, KCPK, JPC, BRE and VTT

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

PD 4.1.8

Report describing the way of handling the data collection needed in ToSIA, by suggest useable databases, define groups of products and set up autonomous trend factors

Due date of deliverable: Month 30

Actual submission date: Month 32

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable:

Oy Keskuslaboratorio – Centrallaboratorium Ab (KCL)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.1.11
Report describing the experiences from data collection for the
manufacturing processes
(Final report)

Due date of deliverable: Month 46

Actual submission date: Month 48

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractors of this deliverable:

Oy Keskuslaboratorio – Centrallaboratorium Ab (KCL)

and INNVENTIA, KCPK, PFIC, BRE, TUZVO and VTT

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.1
Tool for selection of key performance indicators

Due date of deliverable: Month 9

Actual submission date: Month 27

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: BRE, U.K.

Final version

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.3

Report on review of technology development trends within the various processes

Due date of deliverable: Month 15

Actual submission date: Month 16

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Oy Keskuslaboratorio –
Centrallaboratorium Ab (KCL)

Revision [final]

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Project no. 518128

EFORWOOD

Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.4
Benchmarking options across the manufacturing FWC and throughout Europe

Due date of deliverable: Month 18

Actual submission date: Month 22

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting (PFIC)

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Project no. 518128-2

EFORWOOD

Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.5

Report on conditions and consequent timing of technological developments in processes relevant to case studies

Due date of deliverable: Month 24

Actual submission date: Month 30

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable:

Building Research Establishment (BRE), U.K.

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D4.2.15

Lessons learned in WP 4.2: Review, implication and the way forward

Due date of deliverable: Month 47

Actual submission date: Month 49

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: BRE

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Project no. 518128

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.6
Conceptual outline of response functions and draft response functions for case studies

Due date of deliverable: Month 40

Actual submission date: Month 40

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting (PFIC)

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.7
Report on conditions and consequent timing
of technological developments in processes including
the identification of country differences and obstacles to adopting changes
relevant to whole Europe -
Elaboration of Deliverable PD4.2.5 for whole Europe

Due date of deliverable: Month 36

Actual submission date: Month 51

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: BRE, U.K.

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.9
Technology scenario impacts

Due date of deliverable: M42
Actual submission date: M50

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: KCPK

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.2.12

Sustainability indicators for FWC; Background of approaches for reference futures

Due date of deliverable: Month 38

Actual submission date: Month 46

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: BRE

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.2
**First Report on the Industry's Competitiveness and
Its Impact on Industry Dynamics**

Due date of deliverable: Month 18

Actual submission date: Month 22

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting
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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.3
First Report on the Interdependence between the Agents within the
Forestry-Wood Chain
or
Forest Industry Value Chain Dynamics

Due date of deliverable: Month 18

Actual submission date: Month 22

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting
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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.5
Summary Report of the first EFI-GTM task, PD4.3.1

Due date of deliverable: Month 22
Actual submission date: Month 22

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting (PFIC)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.6
Summary report on EFI-GTM tasks First Report on the Industry's
Competitiveness and
Its Impact on Industry Dynamics

Due date of deliverable: Month 50

Actual submission date: Month 50

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting (PFIC)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.7
Conceptual description of the value added model

Due date of deliverable: Month 30

Actual submission date: Month 31

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting Oy (PFIC)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.8

Draft description of response function framework and examples

Due date of deliverable: Month 30

Actual submission date: Month 31

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting Oy (PFIC)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.9
Final report on value added model and response functions

Due date of deliverable: Month 44
Actual submission date: Month 47

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry Forest Industry Consulting (PFIC)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD4.3.10
**Final Report on the Industry's Competitiveness and
Its Impact on Industry Dynamics**

Due date of deliverable: Month 42

Actual submission date: Month 43

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Pöyry (Pöyry Forest Industry Consulting)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.1.6

**Report with collected data for the ToSIA test chains/single chains and
process mapping/definition of ToSIA case studies**

Due date of deliverable: Month 22 (moved from Month 18)

Actual submission date: Month 39

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: AIDIMA

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Tools for Sustainability Impact Assessment

Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.2.3

Case study report containing analysis of the most relevant value chains from a FWC sustainability, consumer/market and micro-economic perspective. The report is based on a range of qualitative and quantitative methods including surveys, interviews and focus groups

Due date of deliverable: Month 18
Actual submission date: Month 22

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: AIDIMA

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.2.4

Summary analysis report on consumers, wood based products and substitutes in the light of the forestry-wood chain sustainability concept including the identification of hot spots

Due date of deliverable: Month 24

Actual submission date: Month 35

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: AIDIMA (Furniture, Wood and Packaging Technology Institute)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.2.7

Report on training methods for the analysis of consumers' attitude to FWC products

Due date of deliverable: Month 30

Actual submission date: Month 32

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: AIDIMA; Furniture, Wood and Packaging Technology Institute

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.2.9

Case study “Iberian Market” - Final Report

Due date of deliverable: Month 51

Actual submission date: Month 58

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: FCBA (Forestry, Pulp, Wood Building and Furniture Technology Institute), France

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD5.2.10
Experiences from ToSIA Data Collection

Due date of deliverable: Month 42 (Initial date postponed to Month 48)

Actual submission date: Month 51

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: FCBA, France

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.3.1
Intermediate progress report – M5 Partial SIA process tool

Due date of deliverable: Month 30 (moved to Month 39)

Actual submission date: Month 56

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Innventia AB

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable D5.3.5
Pro-active Sustainable Strategies and their implication upstream

Due date of deliverable: Month 47

Actual submission date: Month 56

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Innventia (former STFI-Packforsk)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD5.3.2
Draft of Vision and Pro-active Sustainable Strategies

Due date of deliverable: Month 43 (moved to 51)

Actual submission date: Month 56

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Innventia (former STFI-Packforsk)

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD5.3.3
Report on M5 Sustainability Process Tool - Qualitative SIA process tool

Due date of deliverable: Month 42 (moved to 51)

Actual submission date: Month 56

Start date of project: 011105

Duration: 4 years

Organisation name of lead contractor for this deliverable: Innventia AB

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Instrument: IP

Thematic Priority: 6.3 Global Change and Ecosystems

Deliverable PD5.3.4
Report on analysis of the draft Pro-active Sustainability Strategies
and their implication upstream

Due date of deliverable: Month 47 (moved to 51)
Actual submission date: Month 56

Start date of project: 011105
Duration: 4 years

Organisation name of lead contractor for this deliverable: Innventia (former STFI-Packforsk)

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