

First seminar/joint WG meeting, COST FP0901 - Analytical Techniques for Biorefineries

Chair/Grant Holder representative
Stefan Willför

Status of the Action

As by 31.1.2010



23 countries accepted the MoU

- Austria
 - Belgium
 - Denmark
 - Finland
 - France
 - Germany
 - Greece
 - Hungary
 - Italy
 - Latvia
 - Netherlands
 - Norway
 - Poland
 - Portugal
 - Romania
 - Serbia
 - Slovak Republic
 - Slovenia
 - Spain
 - Sweden
 - Switzerland
 - Turkey
 - United Kingdom
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Countries, intentions to accept

- Bulgaria
- Czech Republic

The period within which COST member states can join this Action without any conditions being imposed:
until 25 May 2010



Non-Cost parties accepted by the MC

- North Carolina State University, USA
 - Scion, New Zealand
 - Federal University of Viçosa, Brazil
 - The 3 above have been sent for final approval
 - St. Petersburg Forest Technical Academy, Russia
 - The Joint Research Centre (JRC) of the EC
 - Still some paperwork missing for these two
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Non-Cost parties under negotiation

- FP-Innovations, Canada
 - Bioenercel, (Arauco, CMPC, MASISA, Universidad de Concepción, Universidad Católica de Valparaíso, and a foundation), Chile
 - The Forest Products Center of the Council for Scientific and Industrial Research and the University of Kwazulu-Natal, South Africa
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Main objective of the Action

- **To develop new and evaluate existing analytical methods related to forest-based and agroindustrial Biorefineries**
 - Application within novel/existing Biorefining processes and products
 - Application in academic research and innovations
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Scientific focus

- To understand the chemistry behind Biorefinery raw materials and processes, we need sufficient analytical methods for characterisation of
 - Lignocellulosic materials from forest and agroindustry
 - Processing of these to renewable materials, biochemicals, and bioenergy
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Organization

Management
level

Management Committee

Steering Group

Chair

Vice-Chair/STSM Manager

WG Leaders (WG1-3)

Publication/Training School Manager

WG
level

WG 1

Biorefinery feed material sampling and characterization

WG 2

Characterization of processed biochemicals and biomaterials

WG 3

Characterization and fate of process residues

Task Forces



Chair, Vice-Chair, Grant Holder

- Chair: Prof. Stefan Willför, Finland
- Vice-Chair: Dr. Antje Potthast, Austria
- Grant Holder Institution: Åbo Akademi University, Finland



WG Leaders, STSM Manager, and Publication/Training School Manager

- WG 1: Callum Hill, UK
 - WG 2: Claudia Crestini, Italy
 - WG 3: Elisabeth Sjöholm, Sweden

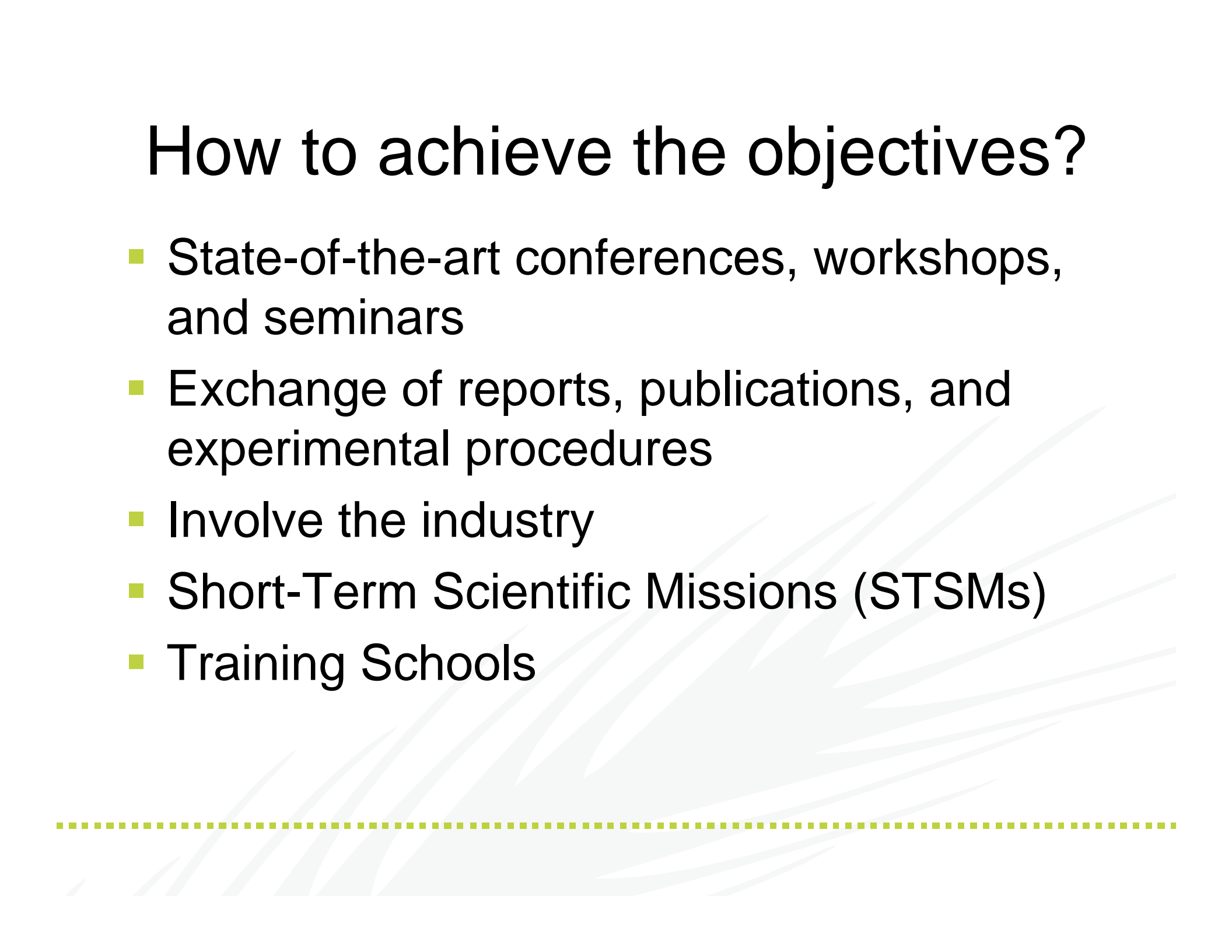
 - STSM Manager: Antje Potthast, Austria
 - Publication/Training School Manager:
Tarja Tamminen, Finland
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Task Forces

- Publication Task Force
 - Contact: Tarja Tamminen, Finland
- Pilot Plant Task Force
 - Contact: Mehrdad Arshadi, Sweden



How to achieve the objectives?

- State-of-the-art conferences, workshops, and seminars
 - Exchange of reports, publications, and experimental procedures
 - Involve the industry
 - Short-Term Scientific Missions (STSMs)
 - Training Schools
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Meetings

- Twice per year
 - One MC/seminar and one WG/seminar
 - Attendance (reimbursement) based on abstract submission, approval by SG
 - Open for all WG members and also for others, esp. industry
 - Presentations/abstracts made public on web site
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Exchange of reports, industry, etc.

- Compare methods on some standard materials/processes
 - Organized by Pilot Plant Task Force
- Reports and methods made available to the public through web site/publications
- Industry
 - Reports also available for industrial partners
 - Active discussions on method development
 - Meetings open for industry



STSMs

- 8-10 STSMs per year
 - Early Stage Researchers (ESR)
 - 3 weeks to 3 months length
 - Evaluation and approval by SG
 - Payment after approved report
 - Presentation of STSM missions at meetings
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Training Schools

- 2-(3) Training Schools during the Action
- ESR and Trainers from FP0901
- Both theory and practice!



Public Action Web Site

- General dissemination pages open for the public
 - Contact information, info on persons active in the action, info on WGs, STSMs, Training Schools, meetings, public reports, links to important web pages, etc.
- **www.abo.fi/costfp0901**

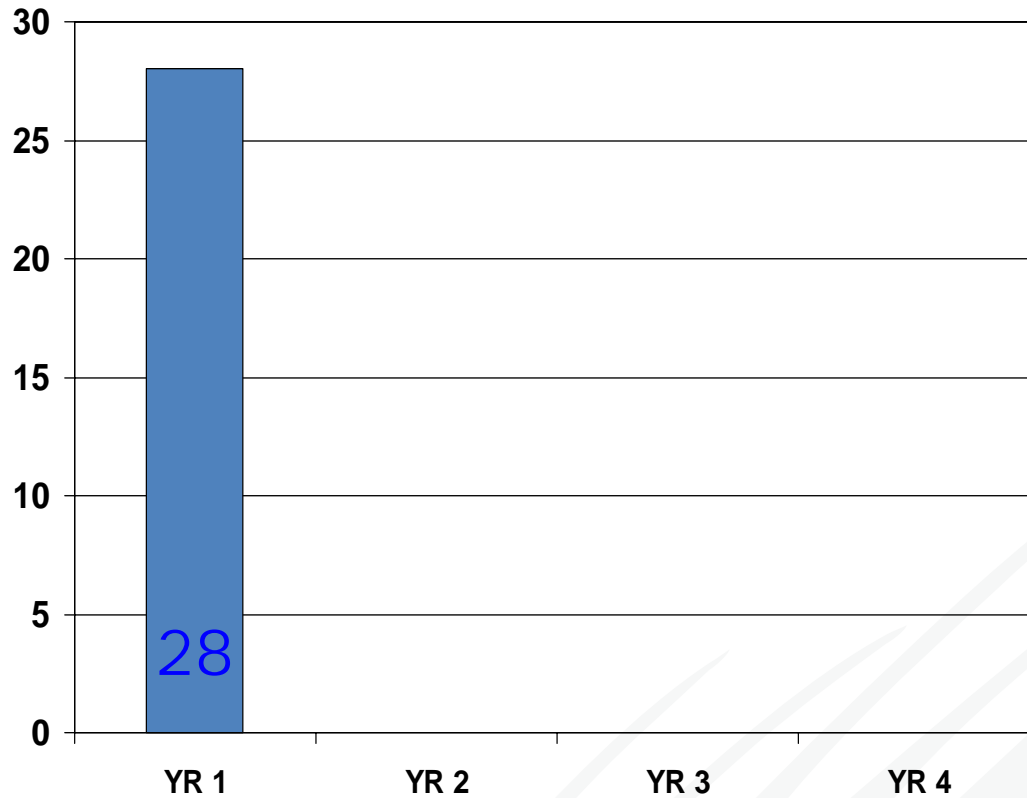


Meeting schedule, year 1

- February 2010, two-day meeting, WG/Seminar in Vienna, Austria
- August 2010, two-day meeting, MC/Seminar in Hamburg, Germany
 - August 2010, in conjunction with EWLP



Action Parties



Grant Holder:

Åbo Akademi
University

Stefan Willför

Finland

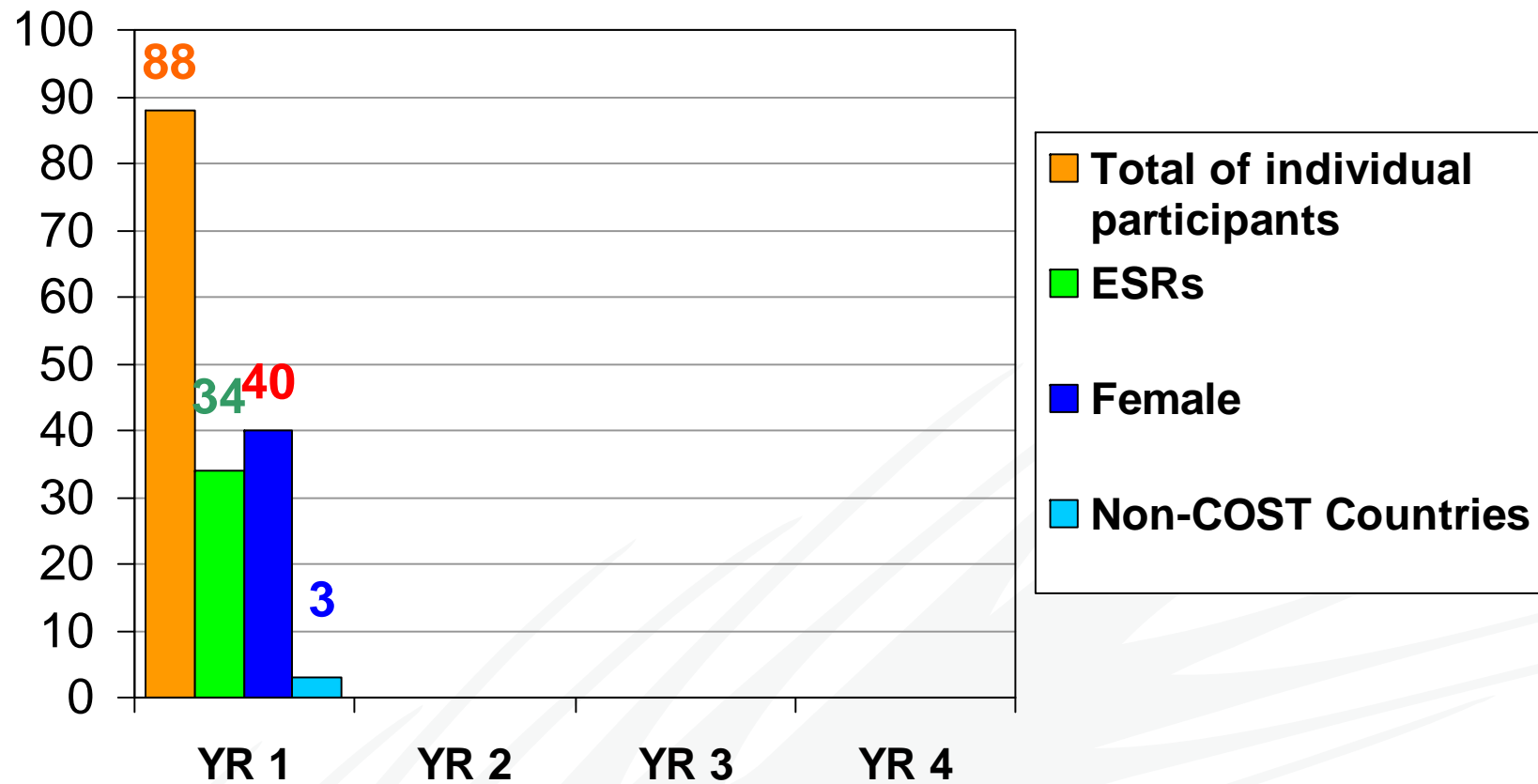


Important

- Promotion of gender balance and of Early Stage Researchers (ESR)



Action participants



Reimbursements

- Will be checked and collected by Stefan W. and Anna Sundberg during coffee breaks
 - Note the new e-cost system!
 - Troubles have occurred in the beginning...
 - You need to add your personal info to e-cost yourself!
 - E-mail address critical!
 - The Grant Holder (not COST office anymore) will execute payments for accepted forms
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