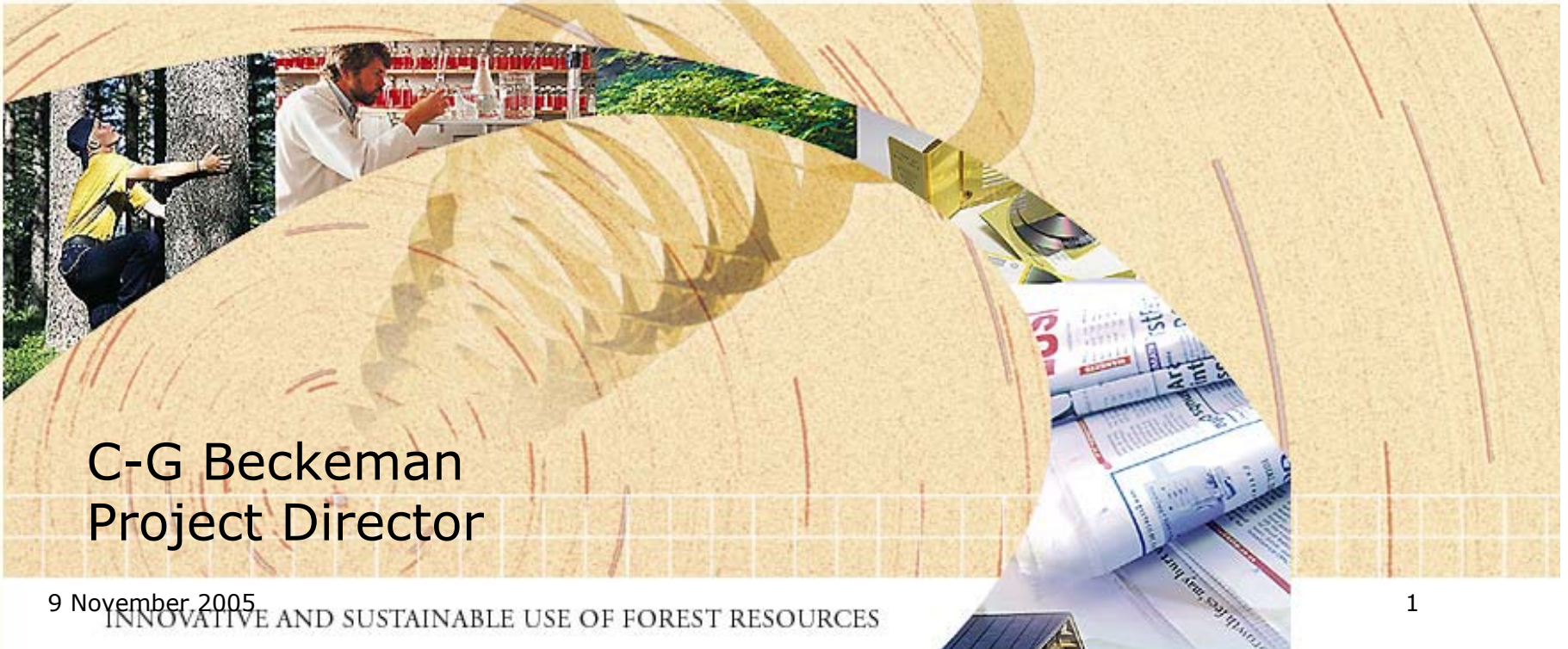


Forest-Based Sector
Technology Platform



The FTP Strategic Research Agenda



C-G Beckeman
Project Director

9 November 2005

INNOVATIVE AND SUSTAINABLE USE OF FOREST RESOURCES

Key deliverables of FTP

- › Vision Document (February 15 2005)
- › Strategic Research Agenda (end 2005)
- › Implementation plan (2006)
- › **Benefits for the stakeholders**

The Vision Document

- The Vision 2030
- Challenges and Opportunities
- Strategic Objectives

**INNOVATIVE AND SUSTAINABLE
USE OF FOREST RESOURCES**



Strategic Objectives

- › Meeting the multifunctional demands on forest resources and their sustainable management.
- › Enhancing availability and use of forest biomass for products and energy.
- › Development of intelligent and efficient manufacturing processes, including reduced energy consumption.
- › Development of innovative products for changing markets and customer needs.
- › Deepening the sector's scientific basis, including taking advantage of emerging sciences.

Strategic Objectives

- ⦿ Establishing a more efficient **innovation system**, including a better-structured research community with higher efficiency.
- ⦿ Establishing **education and training** schemes that meet high requirements.
- ⦿ Improving **communication** with the public and policy makers.

SRA for whom?

- › Industry and forest owners
- › Society – European Commission, national authorities and others
- › Research community

SRA – table of contents

DRAFT

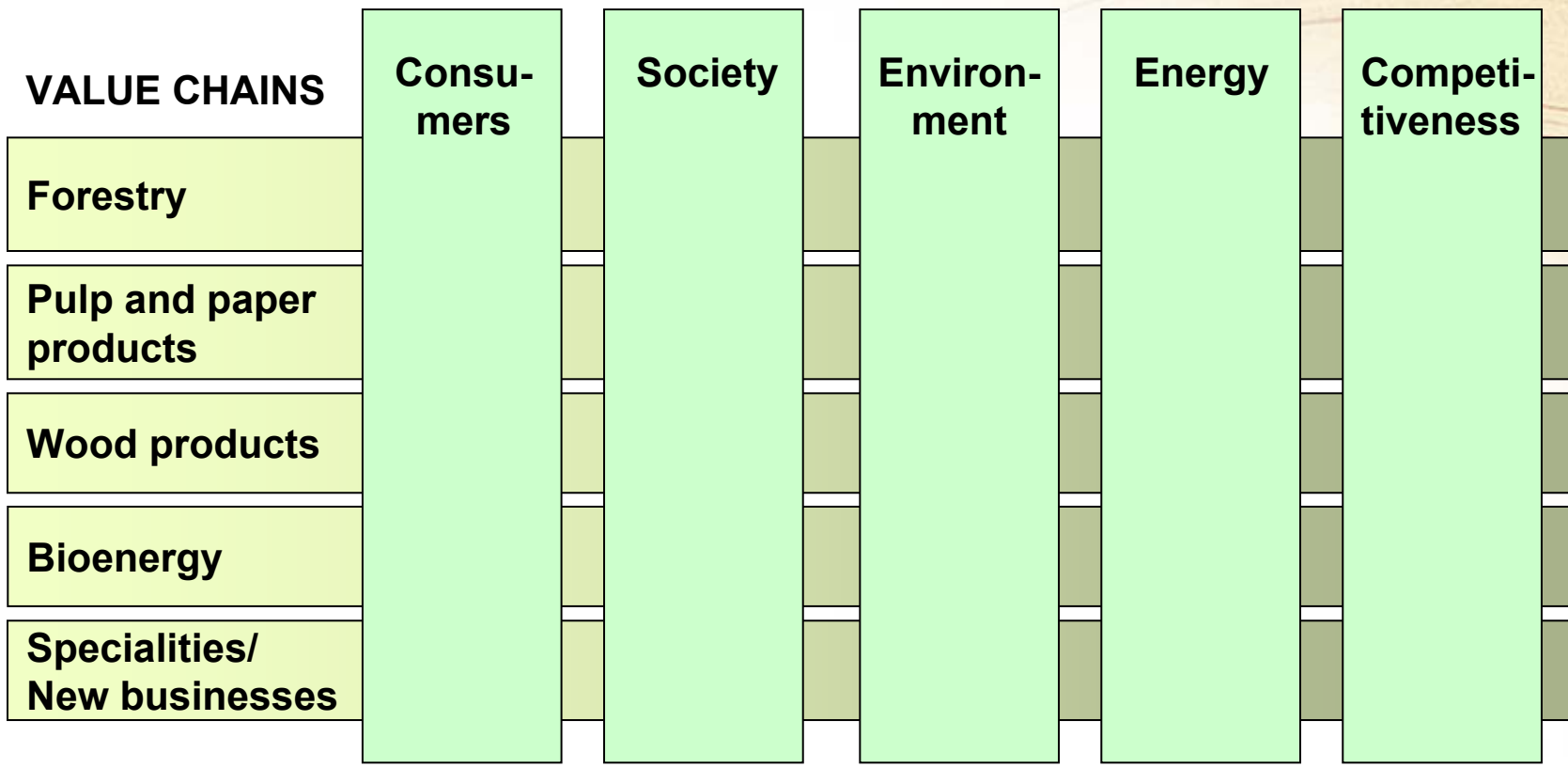
1. Executive summary
2. The Forest-Based Technology Platform (*Introduction*)
3. A common Strategic Research Agenda
 - 3.1 Process of SRA development
 - 3.2 Challenges, Opportunities and Strategic Objectives
 - 3.3 **SRA Research content**
4. Moving towards the common goal
 - 4.1 Challenges for the research society
 - 4.2 Benefits to industry and forest owners
 - 4.3 Strengthening the innovation system
 - 4.4 Education and training – investment in the future
 - 4.5 Communication
5. Expected impacts
6. Synergy building with other Technology Platforms
7. Building the bridge – from vision to reality (*implementation plans*)

SRA Research content - structure

Based on the Strategic Objectives a number of **Research Priorities** has been defined. These Research Priorities are grouped under a set of **Target Areas**.

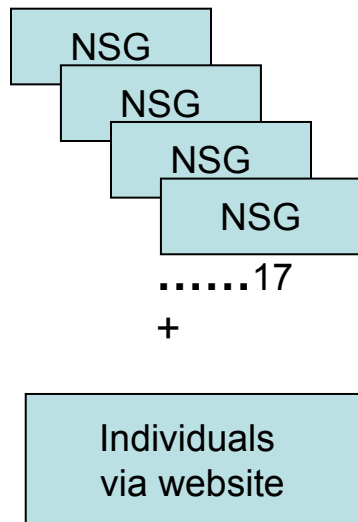
SRA how?

IMPACT DIMENSIONS

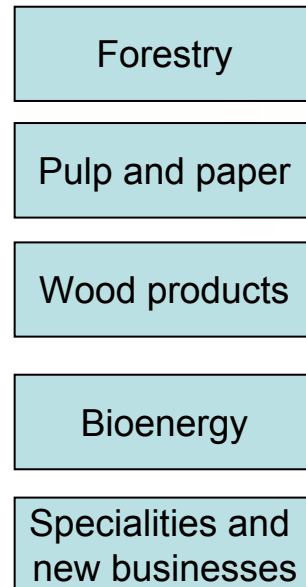


SRA how?

Bottom-up collection



European prioritisation



Drafting SRA

Finalising

Nov.
9-10



SRA Research content - example

› **Target Area**

- › Creating new business based on novel products and services.

› **Research Priorities**

- › Wood biorefinery: production of fibers, biofuels and chemicals
- › Advanced materials and composites based on wood constituents
- › Production of transportation biofuels from biomass residues

SRA Research content - example

- **Target Area**

- Radically new manufacturing concepts

- **Research Priorities**

- New generation of wood-processing technologies
- Adaption of processing technologies for the production of wood products with new functionalities

What next?

- › Tomorrow – your input.
- › Finalisation of the SRA
- › Implementation

Forest-Based Sector Technology Platform

Updated information on the FTP's web-site:

www.forestplatform.org