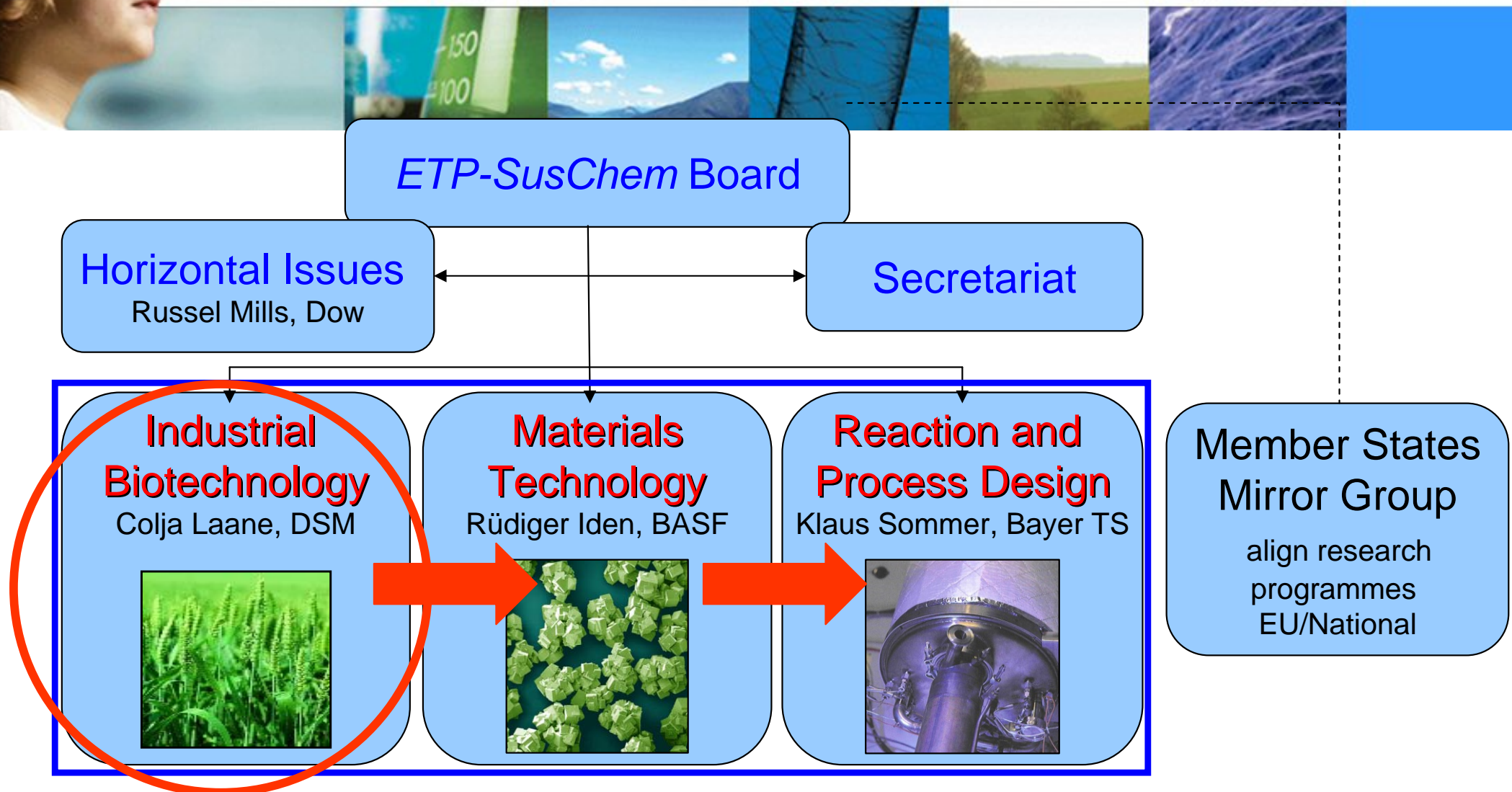
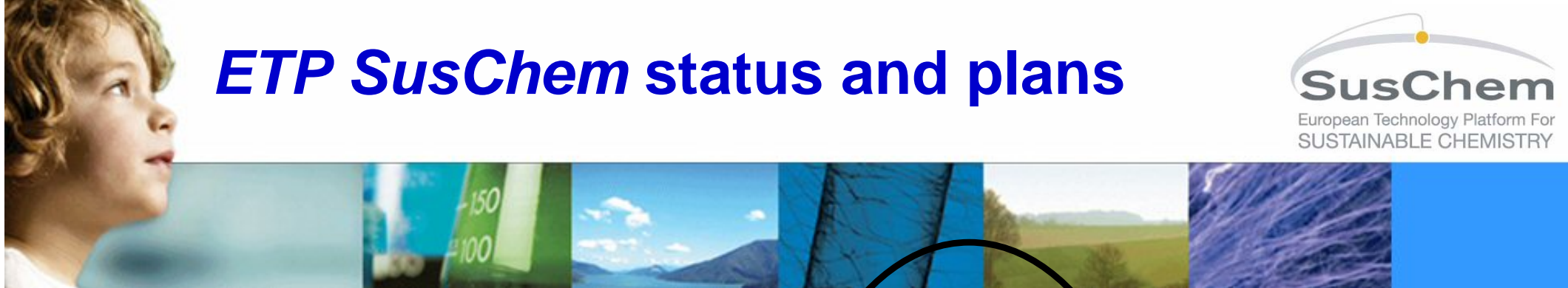


ETP-SusChem Structure (2004-2007)



Initiated in 2004 by Cefic and EuropaBio. Aimed at identifying industrial driven R&D priorities and strategies for boosting IB and innovation/competitiveness in the sector of sustainable chemistry for fulfilling Europe's vision of a sustainable and competitive knowledge-based economy.

ETP SusChem status and plans



Vision



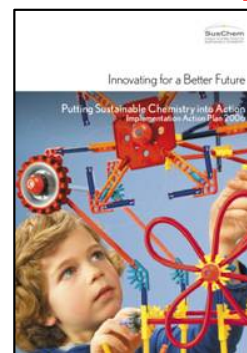
March 2005

Strategic Research Agenda (SRA)



Nov 2005

Implementation Action Plan (IAP)



Dec 2006

Drive towards Innovation

Chemistry
provides
solutions.



Sustainable chemistry,
an engine for
innovation.

Update RSA / IAP 2009

<http://www.suschem.org>

ETP SusChem impacted on FP7 calls (thematic overlap with SRA / IAP priorities): significant funds realized (estimated 170mil€ for KBBE theme; over 750mil€ in all FP7)

Cooperation with other KBBE ETPs

ETP-SusChem-IB is cooperating with the Biobased Economy Technology platforms (fields food, aquaculture, animal health, plant science, forest products, and biofuels) via 2 FP7 projects:

- **Becoteps** (www.becoteps.org)

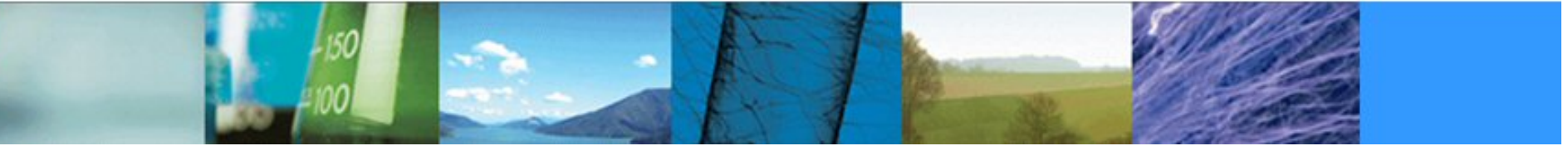
- Achieve closer and more coordinated collaboration between KBBE ETPs
- Develop recommendations - White Paper
- Enhancing cooperation and cross-disciplinary interaction between value chains to address global challenges linked to biomass resources
- Encourage discussions between European and national, public and private, research and innovation initiatives

- **Star-Colibri** (www.star-colibri.eu)

- Overcome fragmentation in the area of biorefineries research
- Support innovations by facilitating industrial exploitation of research results in the biorefinery field
- Promote coordination and cooperation in R&D funding



LMI recommendations: “Taking BioBased From Promise to Market”



TAKING BIO-BASED FROM PROMISE TO MARKET

Measures to promote the market
introduction of innovative
bio-based products

A report from the Ad-hoc Advisory Group for Bio-based Products
In the framework of the European Commission's Lead Market Initiative
Published 3 November 2009



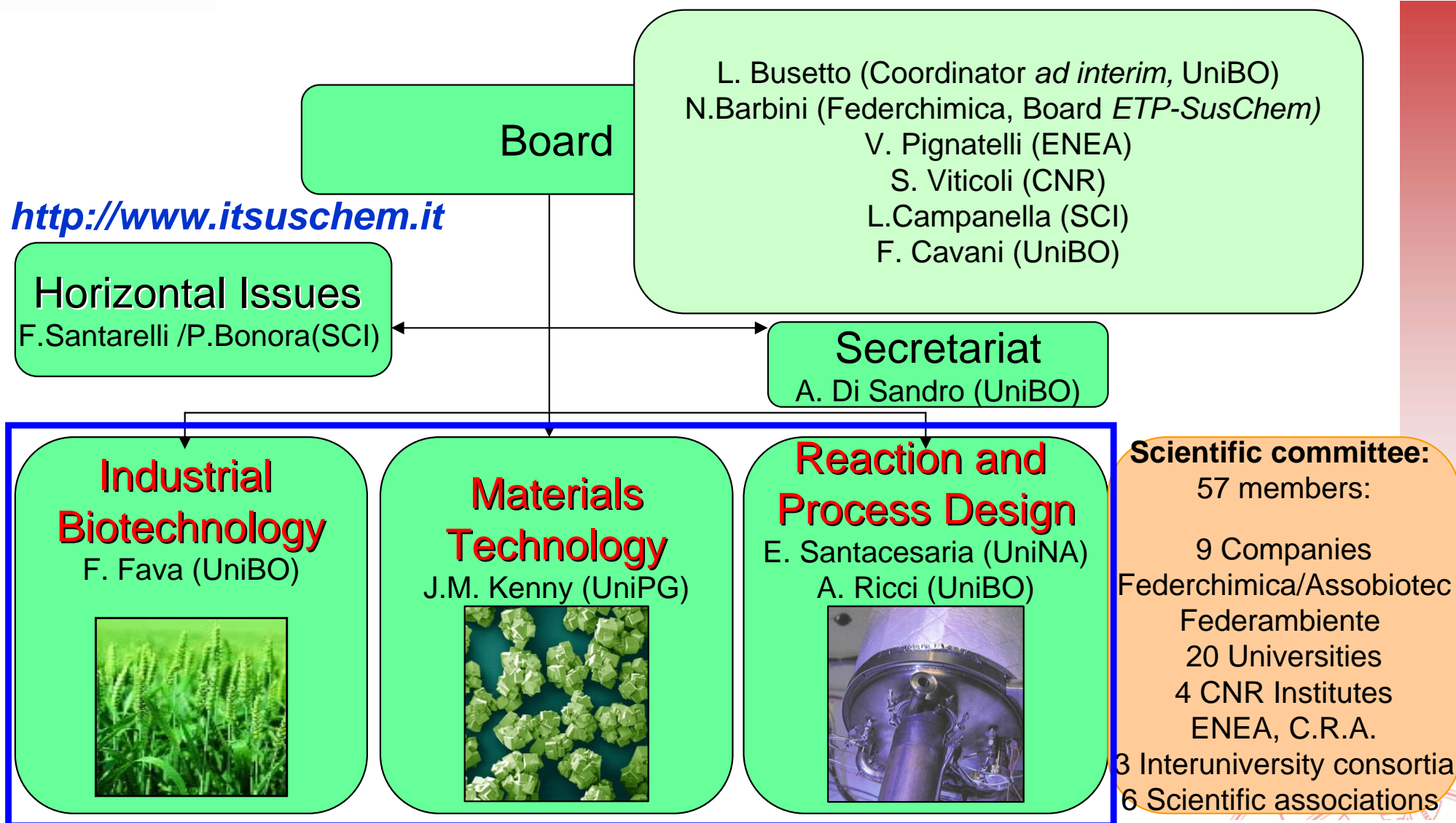
The Lead Market Initiative

Advisory Group's main recommendations to promote bio- based products

- Standards, labels and certification
- Legislation promoting market development
- Encourage Green Public Procurement for biobased products
- Financing and funding of research
- Continue to stimulate and enhance technological Innovation and the development of technology (PPP for demonstration projects)

BioChem project – Supporting SMEs innovation

- **BIOCHEM: Supporting European SMEs to innovate in the sustainable bio based products market**
- Objectives:
 - Develop a new and tailored integrated BIOCHEM toolbox for providing technical and business support to reduce barriers to take-up of Industrial Biotech, particularly for small and medium-sized companies
 - Test the toolbox through a European BIOCHEM accelerator process, that selects high potential bio-based SMEs and supports them from idea identification to bio-based business plan development, finding international business partners, realising proof-of-concept up to attracting finance and market introduction
 - Complete a comprehensive assessment of the bio-based products market and potential, deploy a broad dissemination action in order to increase the awareness of its potential for the chemistry-using sector



Promoted by the University of Bologna in March 2006 under the auspices of **CRUI**, in cooperation with **Federchimica, CNR, ENEA, SCI, 9 Interuniversity Consortia**, several scientific/environmental associations, Centers of Excellence, Banks, etc.

ETP SusChem beyond Brussels



- Visualizing the importance of chemistry & industrial biotech in Europe
- Positive impact on individual European countries:
 - Several national (partner) platforms already exist
 - Others are encouraged to follow



Czech
Republic



United
Kingdom



France



The
Netherlands



Germany



Slovenia



Italy



Spain



Poland



Belgium



Romania

New ETP-SusChem Structure (2007-)



SusChem Board

Management Team

Industrial Biotech
Materials
Reaction &
Process Design

Project
championing
Communication
Networking
SMEs
Education

Visionary
projects

Horizontal
Innovation &
Development
Project -Teams

BIOCHEM

Education

Future projects

National platforms

ERA-nets,
ETPs, value
chain, ECRN

EC

M
S
M
G

Stakeholders