



EUROPEAN FOREST INSTITUTE

Marcus Lindner

CASTLE - *Careers in Sustainability Excellence*

Marie Curie Initial Training Network

Sufarel project meeting, 18-19 September 2012, Kotka

www.efi.int





What are Marie Curie Initial Training Networks?



EUROPEAN FOREST INSTITUTE

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CASTLE

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Why do we need CASTLE?

The EU vision of Green Economy

GROWING DEMANDS on bioenergy consumption
and production and

RAPID CHANGES to the forest-based and
bioenergy sectors as well as to resource utilisation
in agriculture and forestry

Our goal is to combine training and research to ensure
that our future has experts to work with sustainability
challenges.



What is CASTLE?

- 14 ESR's
 - 14 individual research projects (IRP)
 - 9 partner organisations (IEIO +5 EU countries)
 - 10 associate partners (7 EU countries)
 - 3 different research themes
 - 4 different training themes
-
- As a result we have experts with competences to work for example in the industry, consultancy business or policy making



What are the objectives?

To...

- ...innovate sustainability impact assessment methods
- ...apply sustainability impact assessment, scenario analyses, carbon accounting, product footprint and other related methods
- ...cross-link these approaches to ensure consistency at different scales of sustainability assessment
- ...support the development of sustainable business activities



CASTLE research themes are:

WP1 Societal valuation of sustainability impact

5 individual projects

WP2 Methods for quantification of sustainability
criteria

4 individual projects

WP3 Sustainable companies and products

5 individual projects



Is this all?

A solid base is the best base to build a career

Researches will have a combination of various skills and competences which all together gives them wonderful opportunities to build their careers in the industry, consultancy business and policy making etc.

It's up to them.



CASTLE training themes are:

- WP4** Sustainability impact assessment methods
- 5 modules
 - Trains in holistic sustainable systems thinking and provides theoretical and practical understanding of SIA tools and methods
- WP5** Life cycle assessment and carbon accounting
- 7 modules covering theory and practice
 - Training how to consider biodiversity, carbon tracking and resource planning



WP6 Sustainable companies and products

- 4 modules
- Provides the ESRs insights into the science-practice interface with concrete examples of applications of SIA methods in regular company practices

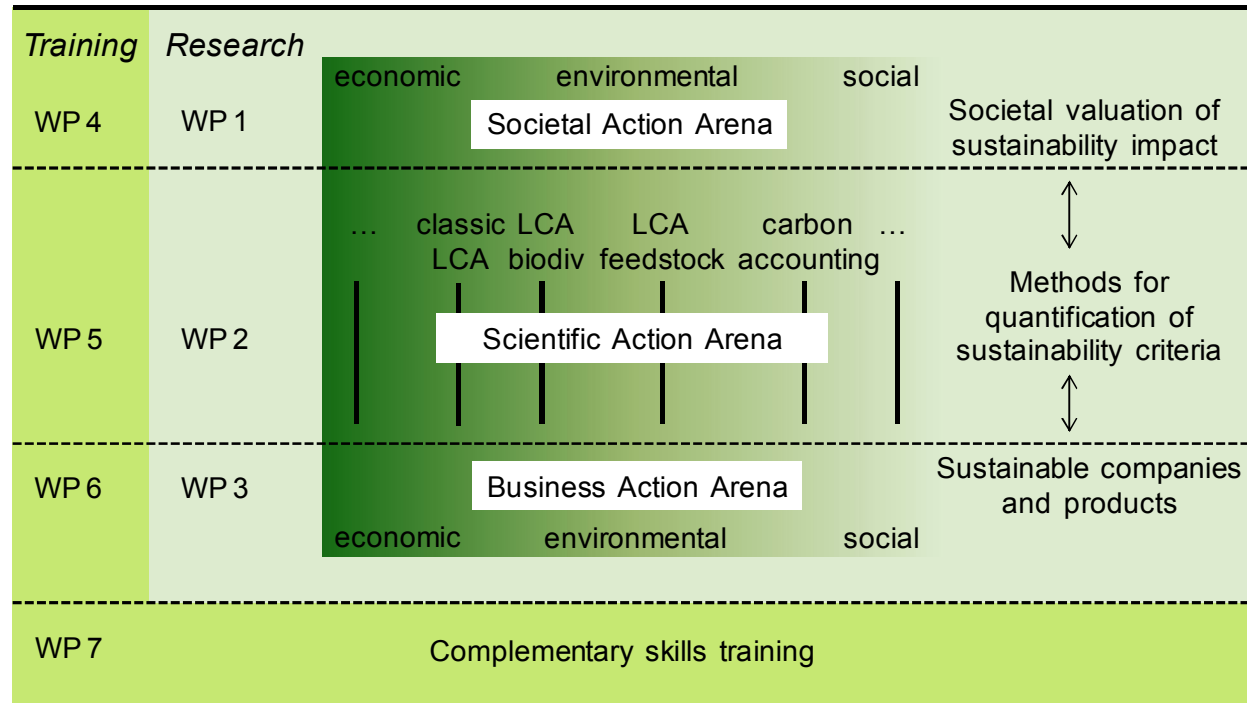
WP7 Complementary skills

- 5 modules
- Skills and competence required from future experts; project management, communication skills, policies, regulations, agreements, intellectual property rights etc.



Management

WP 8 Project Management



WP 9 Dissemination and Outreach



Expected results of CASTLE

- 14 very well qualified experts on sustainability assessment in the forest and bioenergy sector
- First hand experience in bridging between Science and Practice
- Clear orientation for participants about both scientific and professional business applications of sustainability assessment tools



CASTLE - Careers in Sustainability Excellence

- 14 PhD studies
 - Partners: EFI, Skogforsk (SE), ZALF (DE), VTT (FI), vTI (DE), BOKU (AUT), FCBA (F), MHG-Systems (FI), UNI-KLU (AUT)
- Open call for applications expected for Oct/Nov with deadline 31st Dec 2012!
- More information: Tommi.Suominen@efi.int or Marcus.Lindner@efi.int