Analysis of Policies for Biofuel Development & Production

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Introduction

Unexpected Pandemics

Natural Climate Threats

New trends and needs in the markets

Unprecedent political events, including the emergency of ‘modern’ dictators/populists

Impacting issues of geopolitical power and energy security, globally

Transition to a fossil-free economy

High costs ☹

Financial opportunities ☺

Welfare gains for citizens and business ☺

Biofuels/advanced biofuels - the approaching of its potential advantages is fundamental to encourage

(i) better feedback

(ii) greater pluralism

(iii) inclusiveness

Project overview in a nutshell
Purpose and objectives

- Evaluation of reasons underlying
  - the past and ongoing booms and busts cycles of biofuel technologies development, demonstration, deployment and replication
  - in order to identify the best policy framework conditions and measures for stimulating increased future markets for production and consumption of sustainable transport biofuels.

- Research question (T39):
  “What is required to re-stimulate vigorous biofuels development and scale up?”
- Research question (T45):
  “What are key factors for the success of sustainable advanced biofuel projects?”

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Activities and expected results | WPs

„Lessons learned biofuels I“ (Triennium 2019-2021)

WP 1 | Status quo biofuel projects
T39 (Lead), T45
Overview TRL, capacities of biofuels projects, Wrap up national programs
Existing sustainability / certification schemes

WP 2 | Meta-analysis existing studies
T45 (Lead), T39, T40
Inventory of studies, specifically addressing lessons learned biofuels
Screening with criteria to be defined

WP 3 | Case studies technologies
T39 (Lead)
Success stories for dedicated technologies and regions, (e.g. US, EU, Brazil)

WP 4 | Case studies supply chains
T40 (Lead), T45
Success stories for biomass supply chains

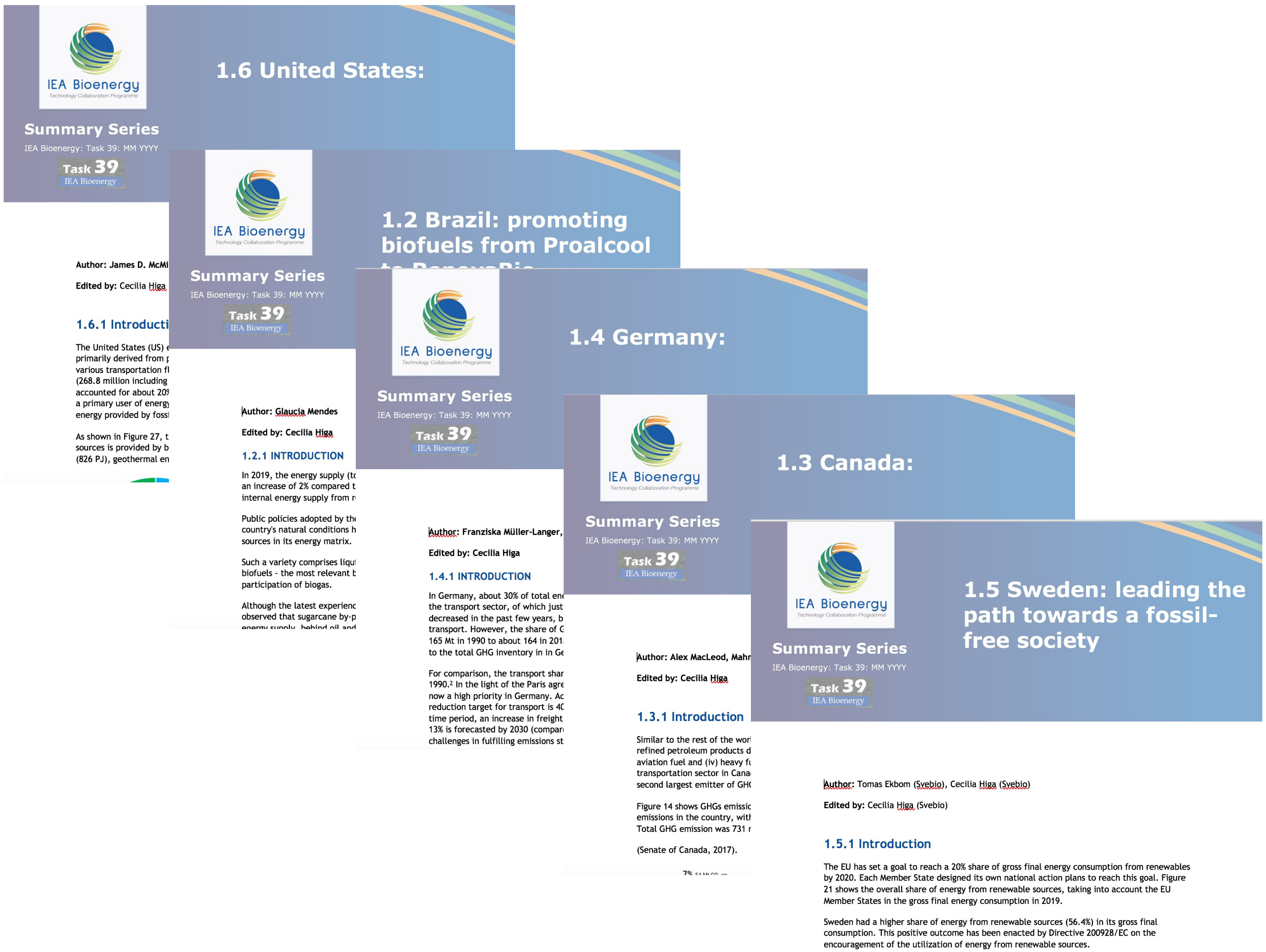
WP 5 | Synopsis / synthesis of key issues
T39 (Lead), T40, T45
Conclusions, guideline „good to know“ for decision makers, identification of required actions for *„Lessons learned biofuels II“*

WP 6 | Project manage-ment and dissemi-nation
T39 (Lead)

„Lessons learned biofuels II“ *(Triennium 2022-2024)*

As intertask project incl. several Bioenergy TCP Tasks, (IEA AMF?)

WP1 Status quo biofuel projects



Target group

Our key messages are addressed for policymakers, decisionmakers and stakeholders, in the biofuel sector

Our chosen structure reflects our wishes to make an impact on decision-making and policy implementation processes, influencing key actors

Warm-up to Group Discussion

We need effective public policies incorporating interests not only for one specific productive sector, but also for the society as a whole

The Swedish carbon tax is an amazing example of that,

As we are representing diverse countries, do you consider your country is following a similar path when implementing policies?

Thanks

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