IEA Bioenergy

Inter-task project

Measuring, governing and gaining support for sustainable bioenergy supply chains

POSITION, PERCEPTIONS AND VISION OF STAKEHOLDERS ON BIOENERGY SUSTAINABILITY:

METHODOLODY AND PRELIMINARY RESULTS

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Objective 3

- **Understand positions and underlying motivations of stakeholder groups relative to their perceptions of bioenergy**
- **Inform dialogues/discussions to avoid misconceptions and gain trust in bioenergy**

1. ***Identify*** *relevant stakeholders in different bioenergy value chains*
2. ***Communicate*** *with stakeholders via questionnaires, interviews and meetings to understand their viewpoints, decisions and influences to the bioenergy value chains*
3. ***Compare*** *stakeholders' positions, viewpoints and influence in different bioenergy value chains*
4. ***Provide recommendations*** *on how to gain (further) support from stakeholders for sustainable bioenergy value chains management*

Table of Content

I. General questionnaire

1. Methodology
2. Test – Quebec general public
3. First online results

II. Discussion

III. Supra-national stakeholders

1. Methodology
2. First results

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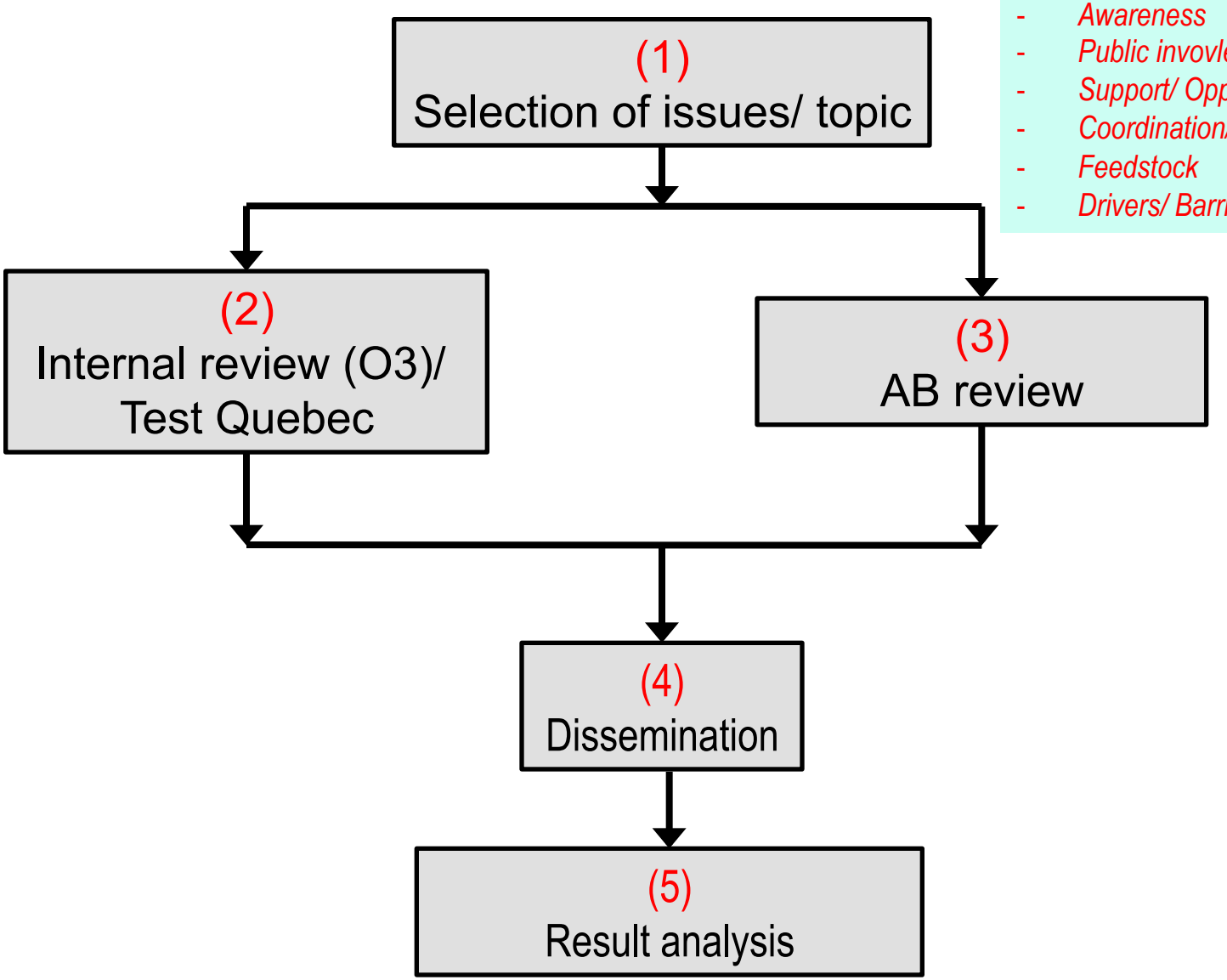
1.1 General questionnaire - Methodology



- *Awareness*
- *Public involvement*
- *Support/ Opposition*
- *Coordination/ governance*
- *Feedstock*
- *Drivers/ Barriers/ Challenges*

1.2 General questionnaire – Quebec Test

Help from Evelyne Thiffault & Leonard Nkunzimana. Much appreciated!

- **General public attending forestry fair, Quebec**

- **273 respondents**:
  general public (220)
  stakeholders inside the supply chains (47)
  NGO/ research/ policy maker/ engineer (6)

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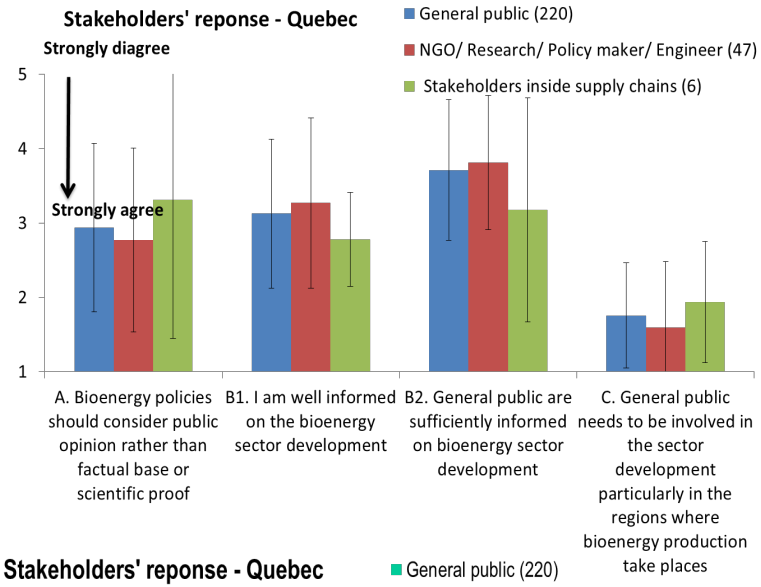
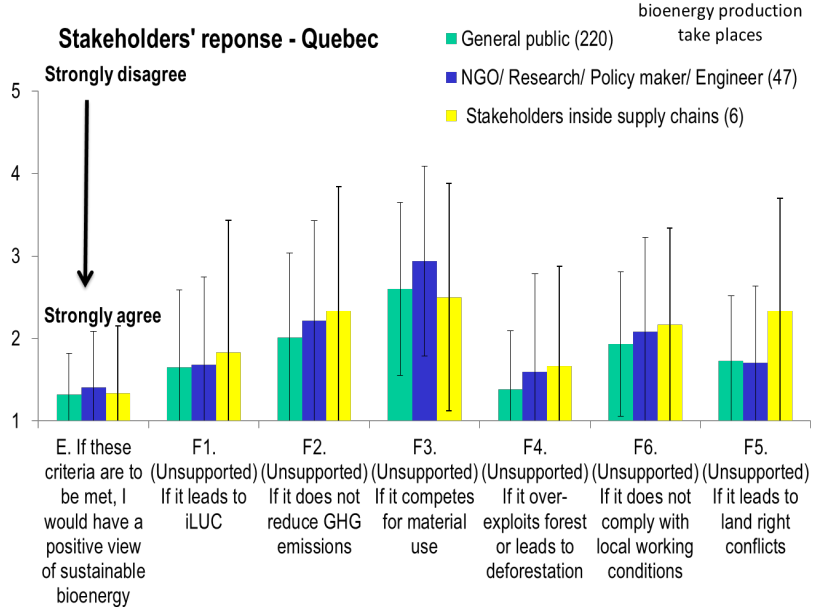
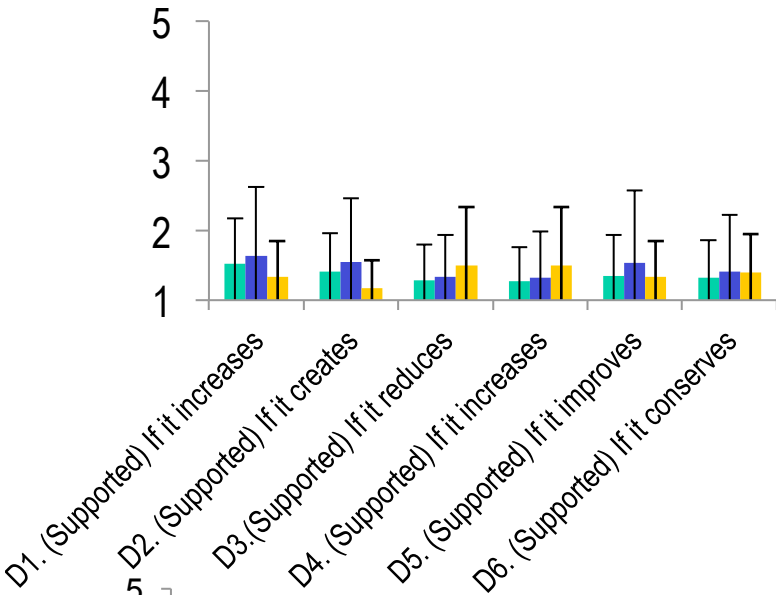
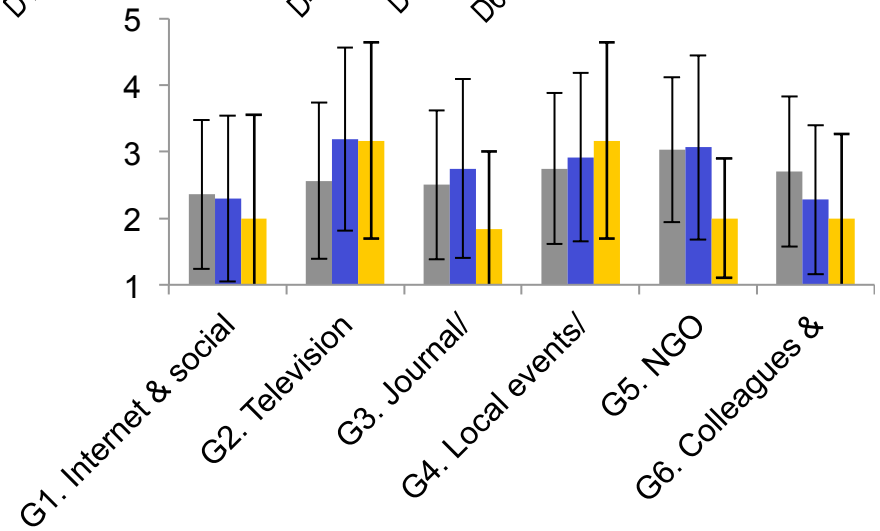
1.2 General questionnaire - Quebec









1.2 General questionnaire - Quebec

Lessons learnt:

- *Statements rephrased*
- *Stakeholder groups more accurately divided*
- *Most trustful information source added*
- *Info uneccessary: gender, age, degree*

Key points for Quebec:

- Public involvement
- Sustainable forest management
- Job creation

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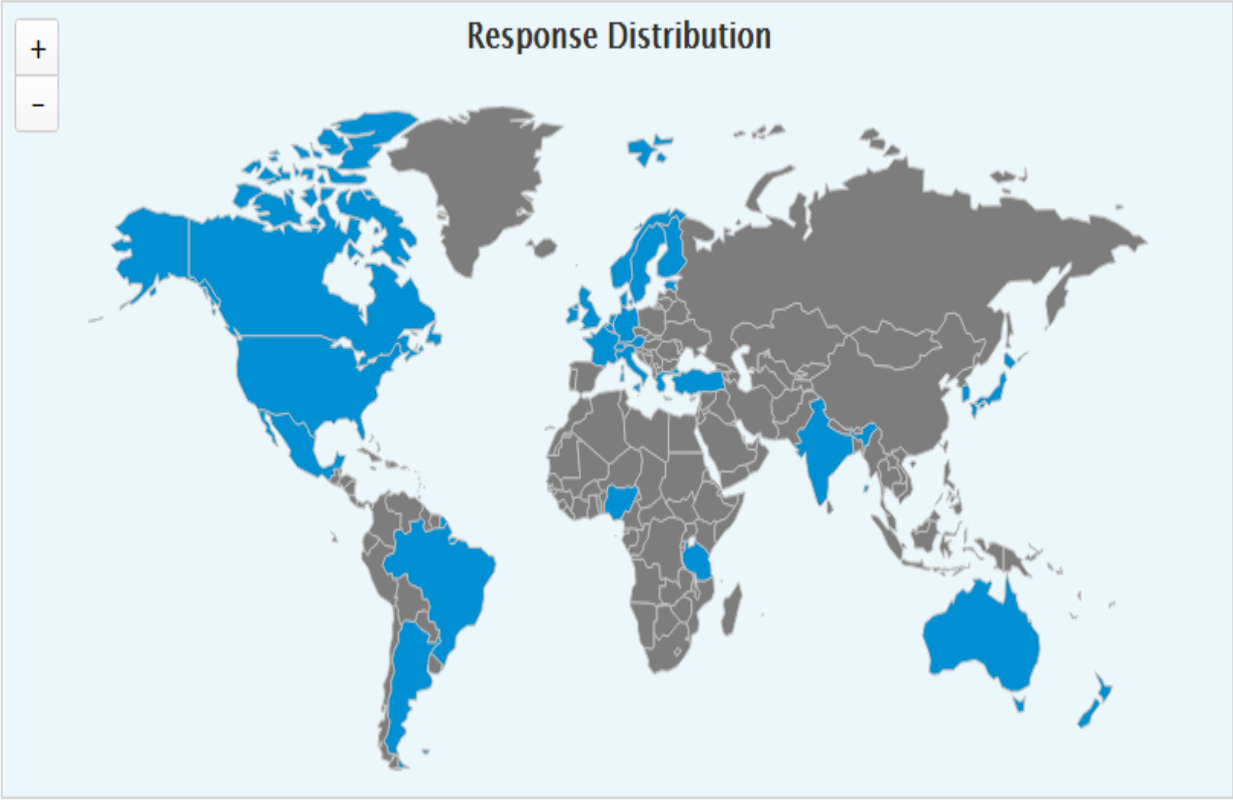
1.3 General questionnaire – Online results

http://ieabioenergysustainability.questionpro.com

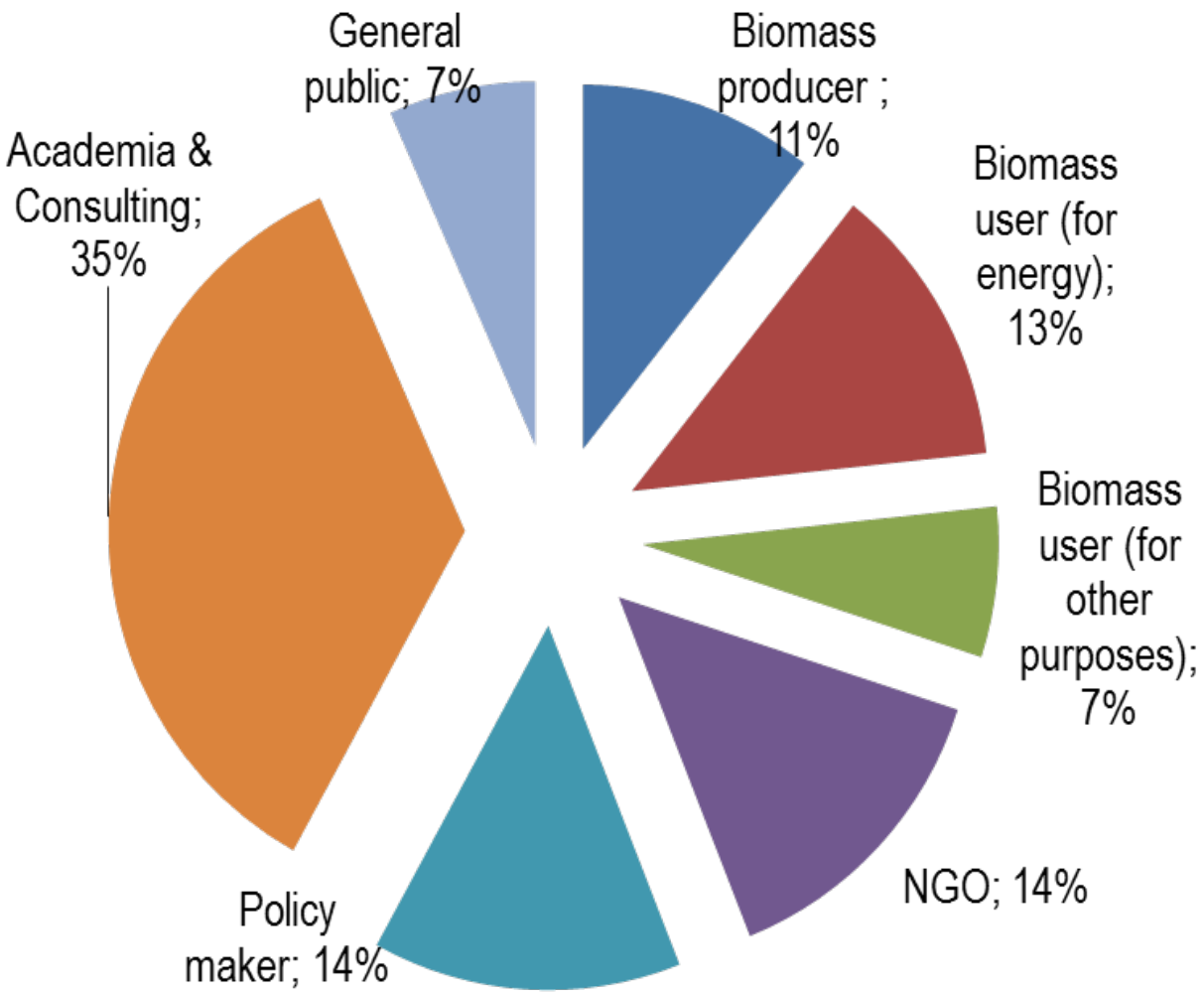
VIEWED	STARTED	COMPLETED	COMPLETION RATE	DROP OUTS	TIME TO COMPLETE
752	171	171	100%	0	14 mins



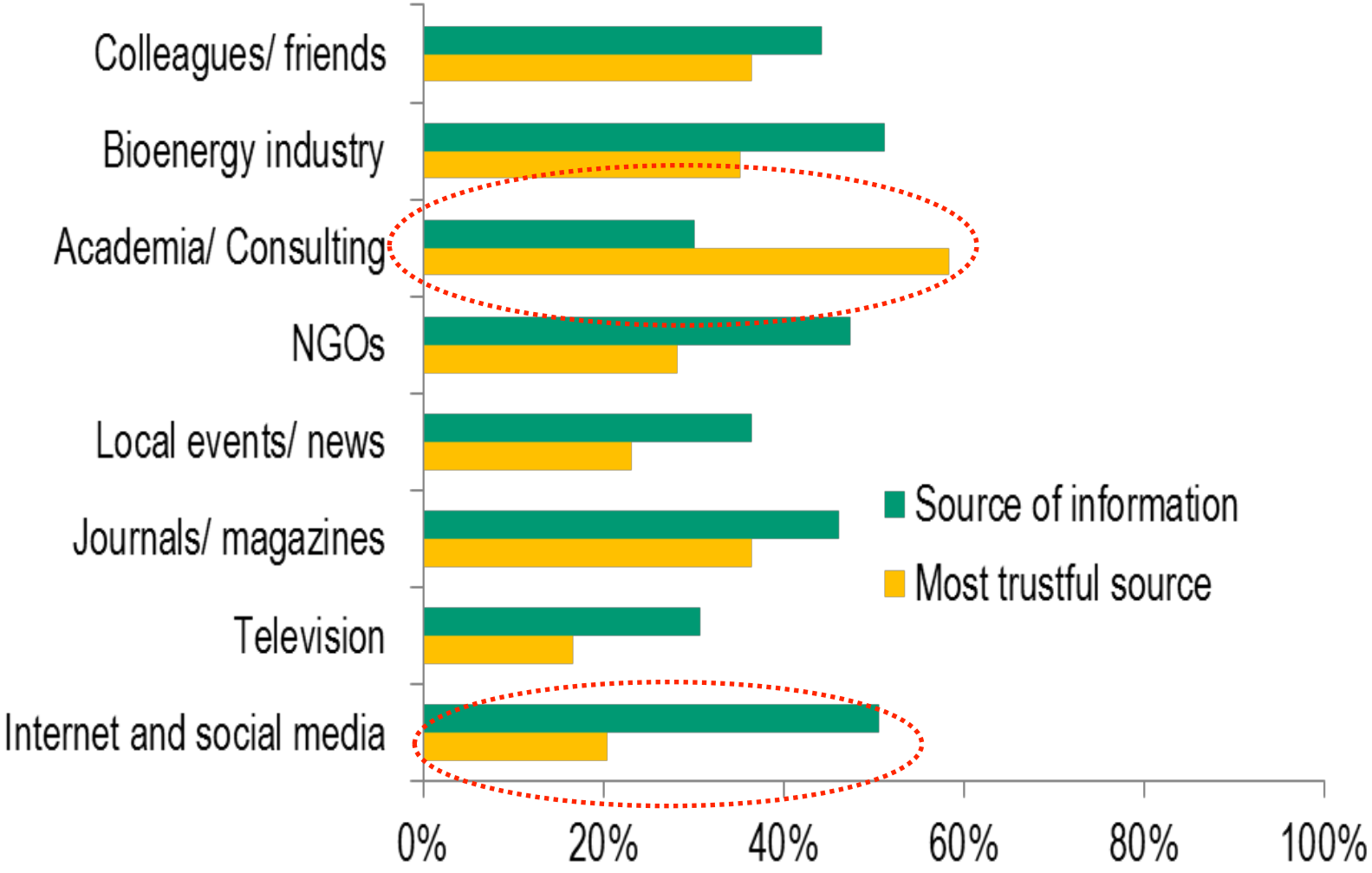
World | US | Canada | Europe

Countries	Responses
Unknown	31.58%
NL	8.19%
DE	8.19%
SE	5.85%
CA	5.26%
US	5.26%
GB	4.09%
FI	3.51%
BE	3.51%

1.3 General questionnaire – Online results



1.3 General questionnaire – Online results



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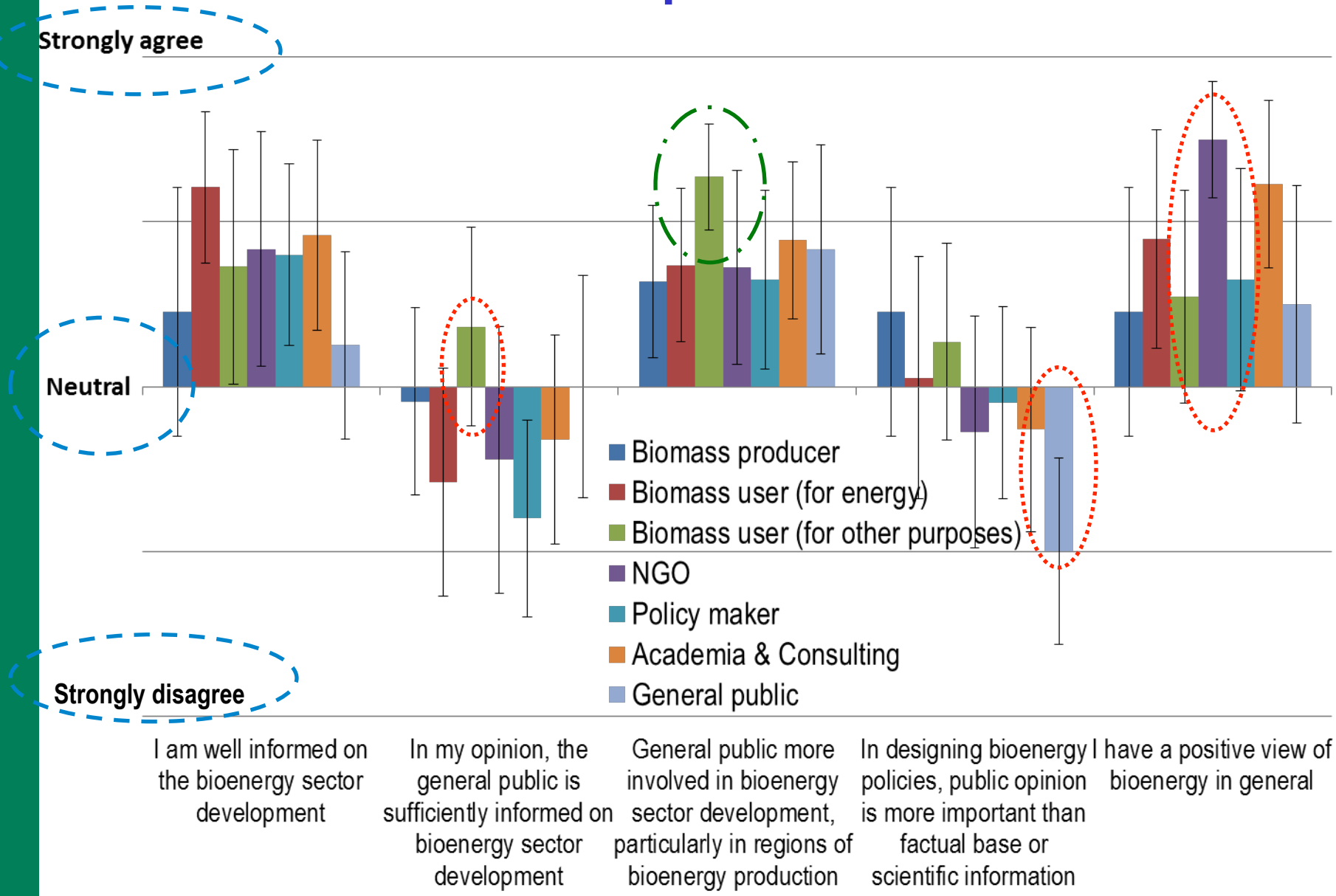
1.3 General questionnaire – Awareness & public involvement



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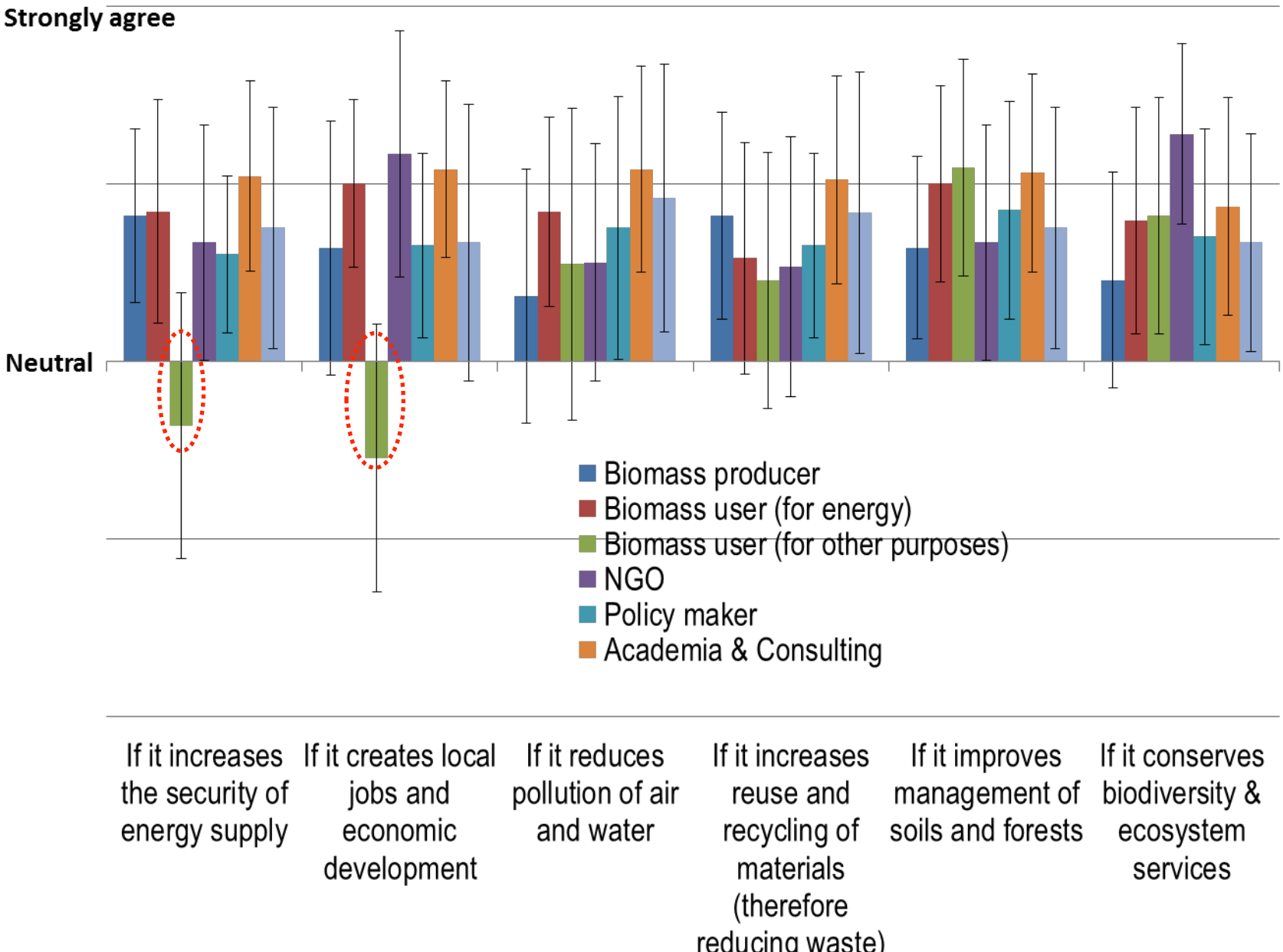
1.3. General questionnaire - Support



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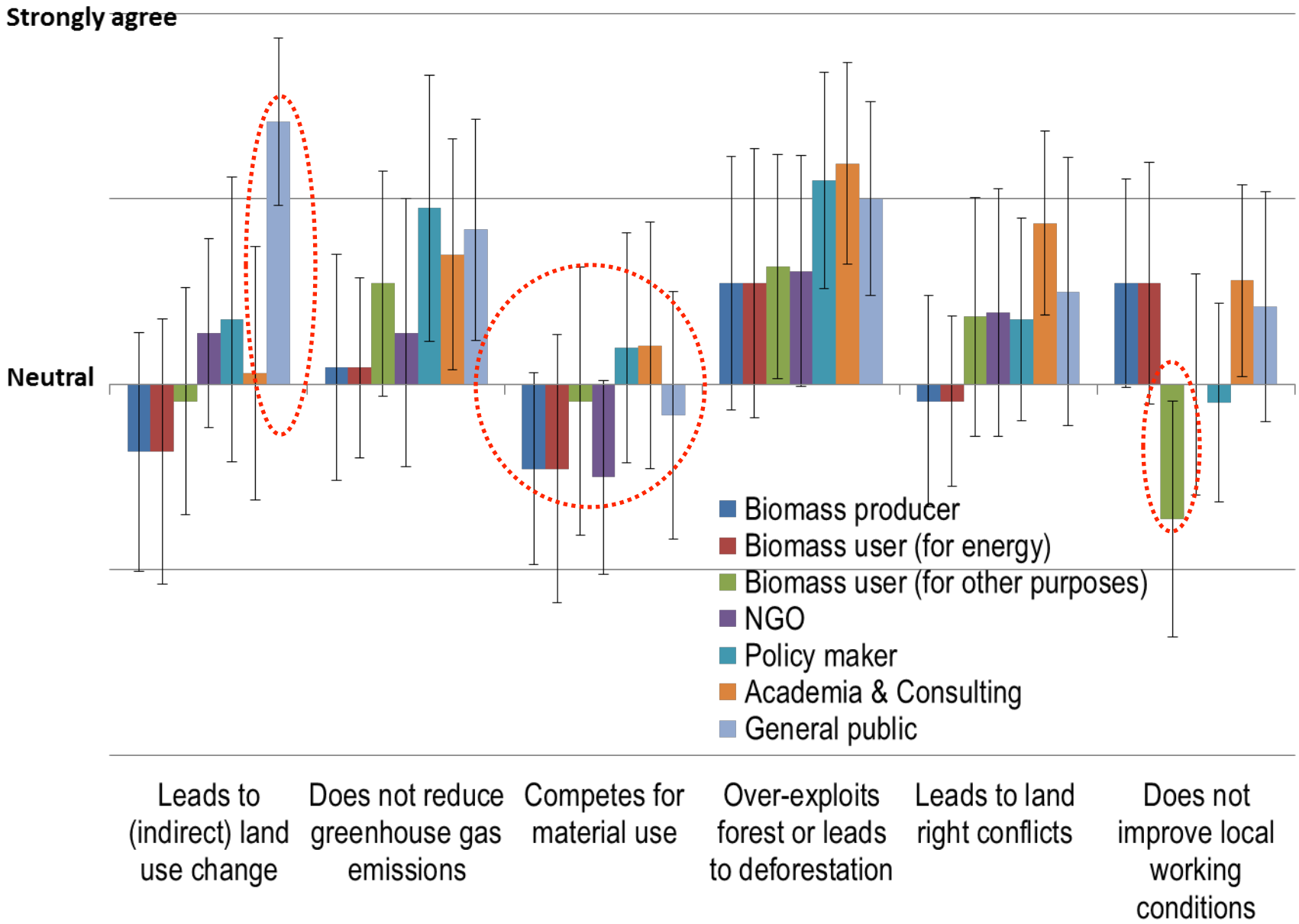
1.3 General questionnaire – Opposition



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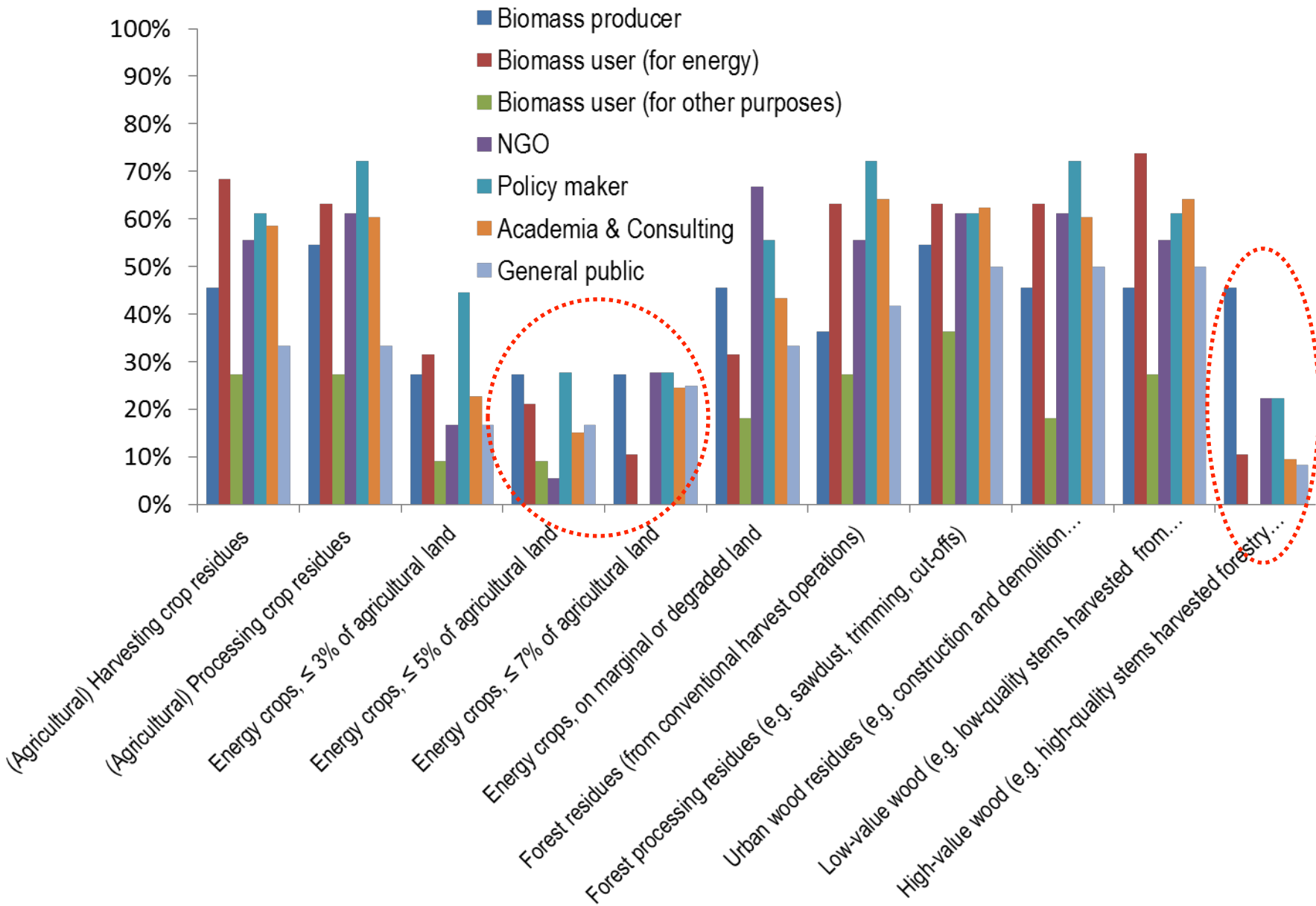
1.3. General questionnaire - Feedstock



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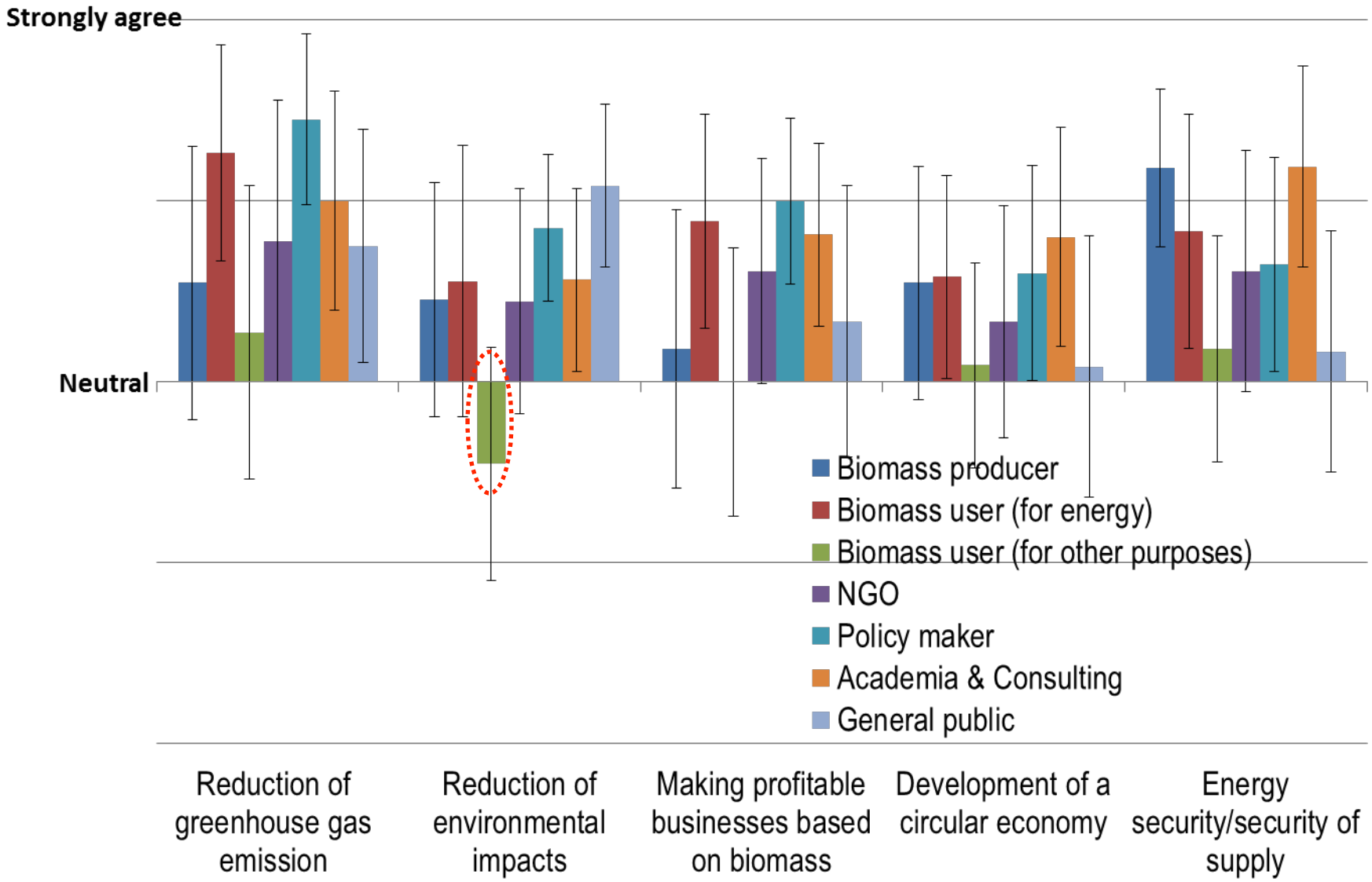
1.3 General questionnaire - Drivers



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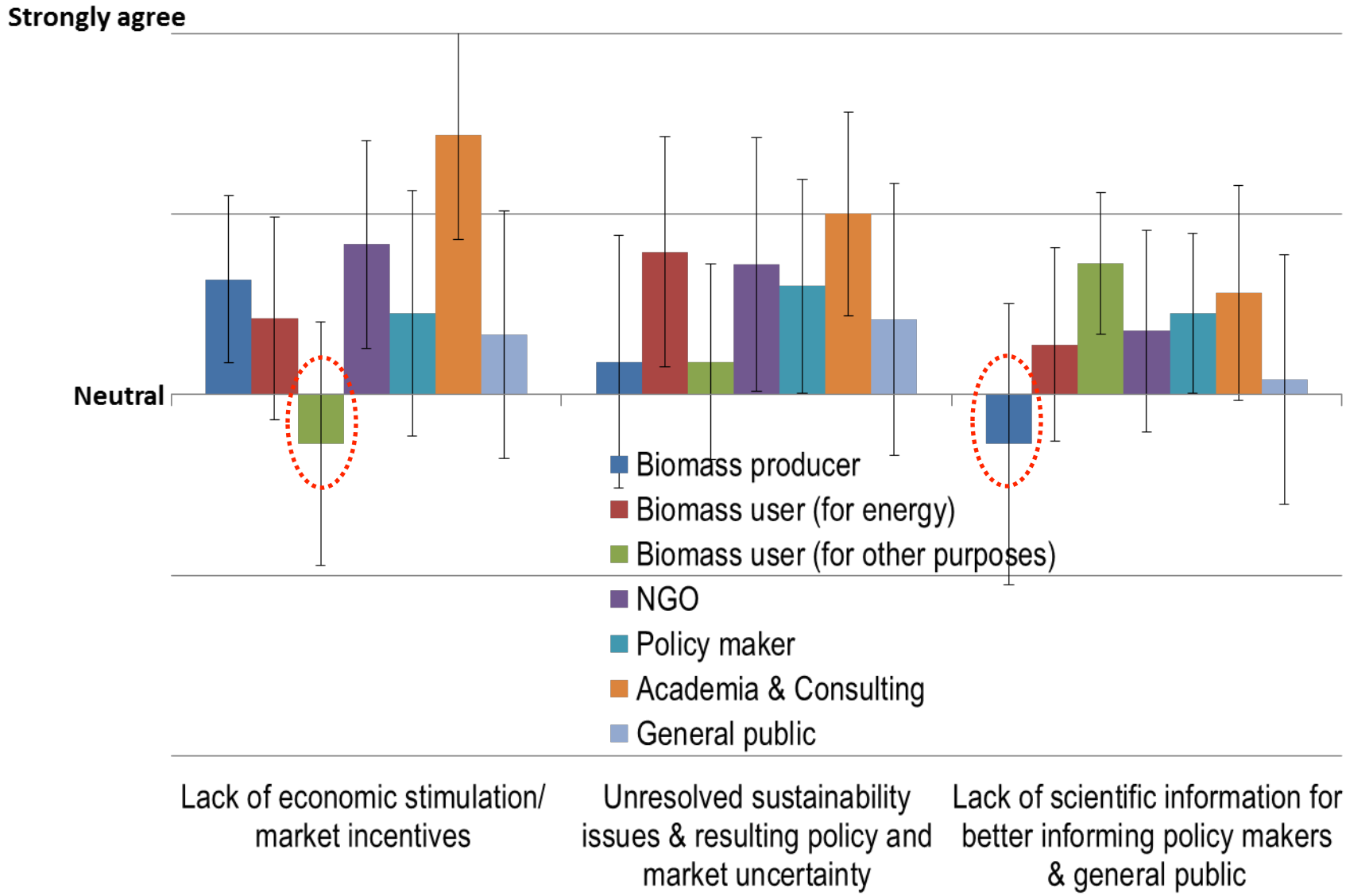
1.3 General questionnaire - Barriers



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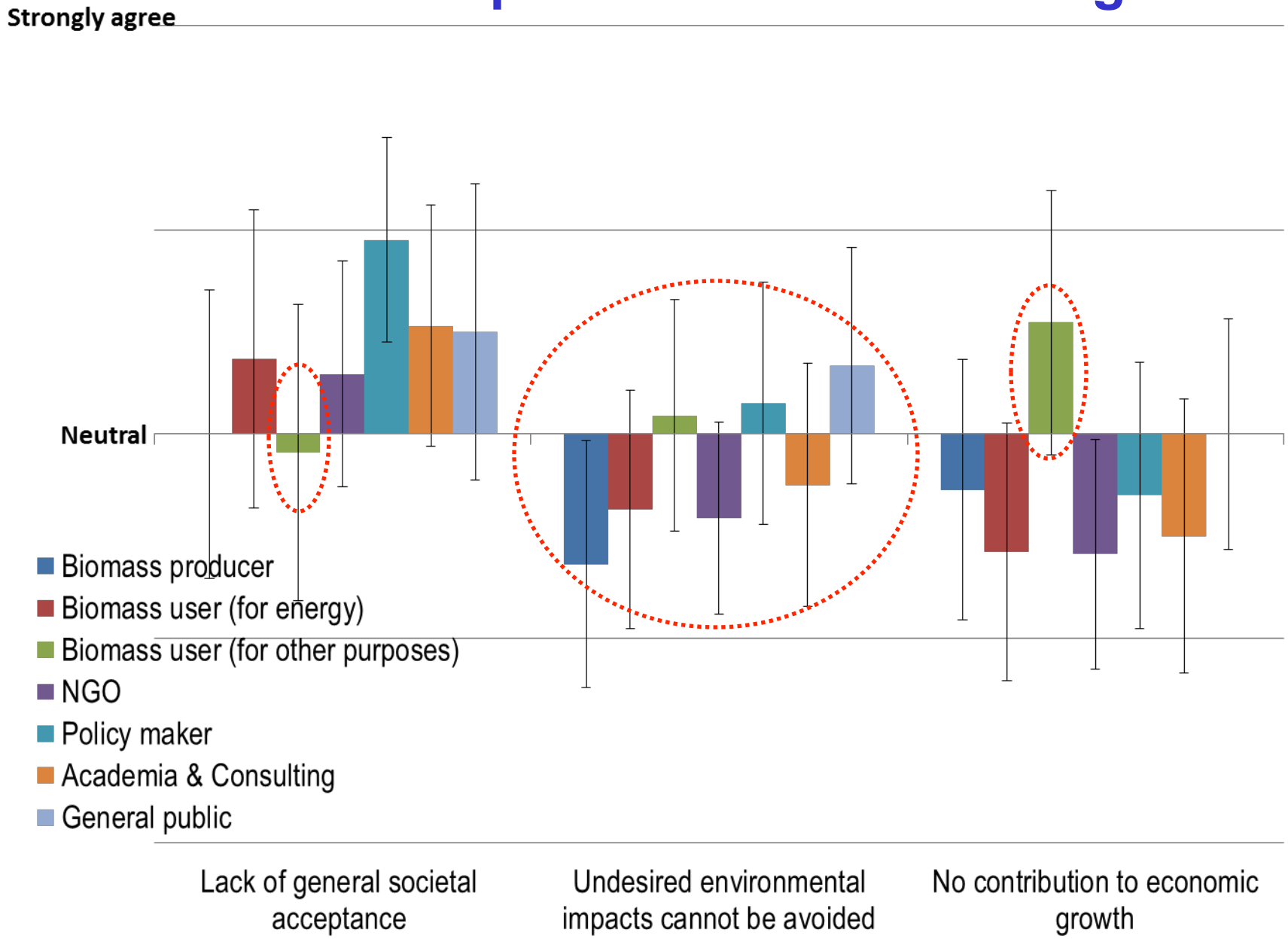
1.3 General questionnaire - Challenges



1.3 General questionnaire First SUMMARY

- **Identified sustainability issues** of bioenergy supply chains agreed by respondents

- **Awareness**: General public are not well aware of sector development

- **Viewpoint/ Perception**: Biomass user (for other purposes)

- **Barriers & challenges**: unstable policy and market

- **Support**: Reduction of GHG emisssions/ environmental impacts
  SFM,

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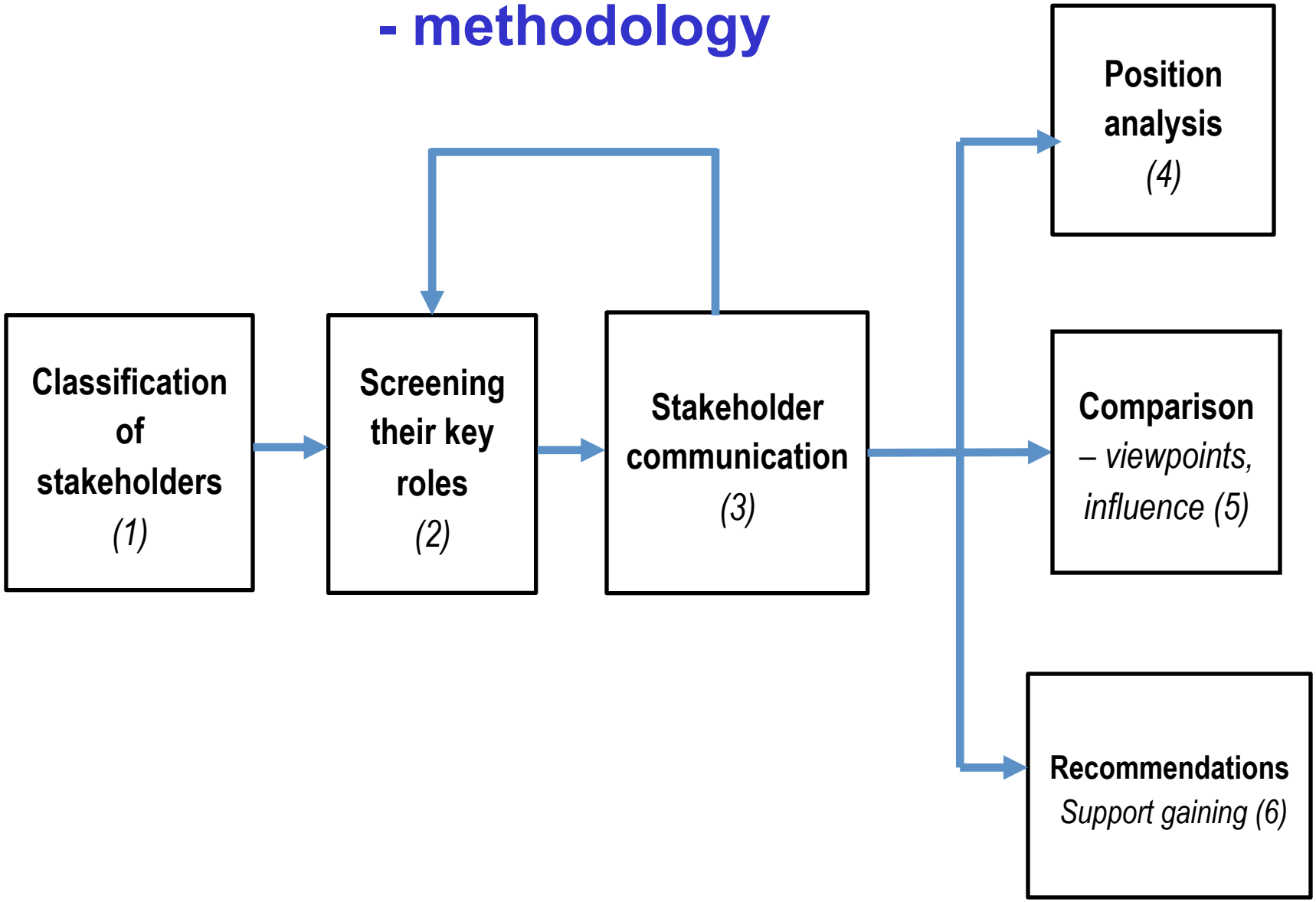
2.1 Supranational stakeholders - methodology



2.1 Supranational stakeholders - methodology

EU policy makers

EU politicians

US policy makers

UN organisations

International organisations

International NGOs (not UN)

Biobased industry

Fossil fuel based industry

Selected forest industry

Certification schemes

Bioenergy producers

Bioenergy industry

Next Steps

- **Clarification on (some) responses** of non-energy biomass users, and NGOs
- **Exploring more viewpoints** of non-energy biomass actors on supply-chain governance for biomass sustainability
- **Considerations on a "consensual" development logic for sustainable bioenergy**, taking into account competing demands (food, biobased products), and sustainability constraints on potentials.
  (based on new IEA Bioenergy Roadmap, outcomes of the IEA sustainability workshop, and the Gothenburg workshop)

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Future work

Dissemination of questionnaire to additional stakeholders	**Dec 17**
Additional interview/ communication with supranational stakeholders	**Sep 17**
Comprehensive report/ scientific article - analysis of results - recommendations to gain (further) supports	**Mar 18**

Thank you for your attention!

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