

Introduction to the workshop

“Governing sustainability in biomass supply chains for the bioeconomy”

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SDGs: all countries are “developing”



Source: <https://sustainabledevelopment.un.org/sdgs>

SDGs provide a normative **framework to operationalize sustainability** of the bioeconomy, including bioenergy

SDGs and biomass

15 out of 17 SDGs are directly or indirectly **linked** to **biomass**, especially

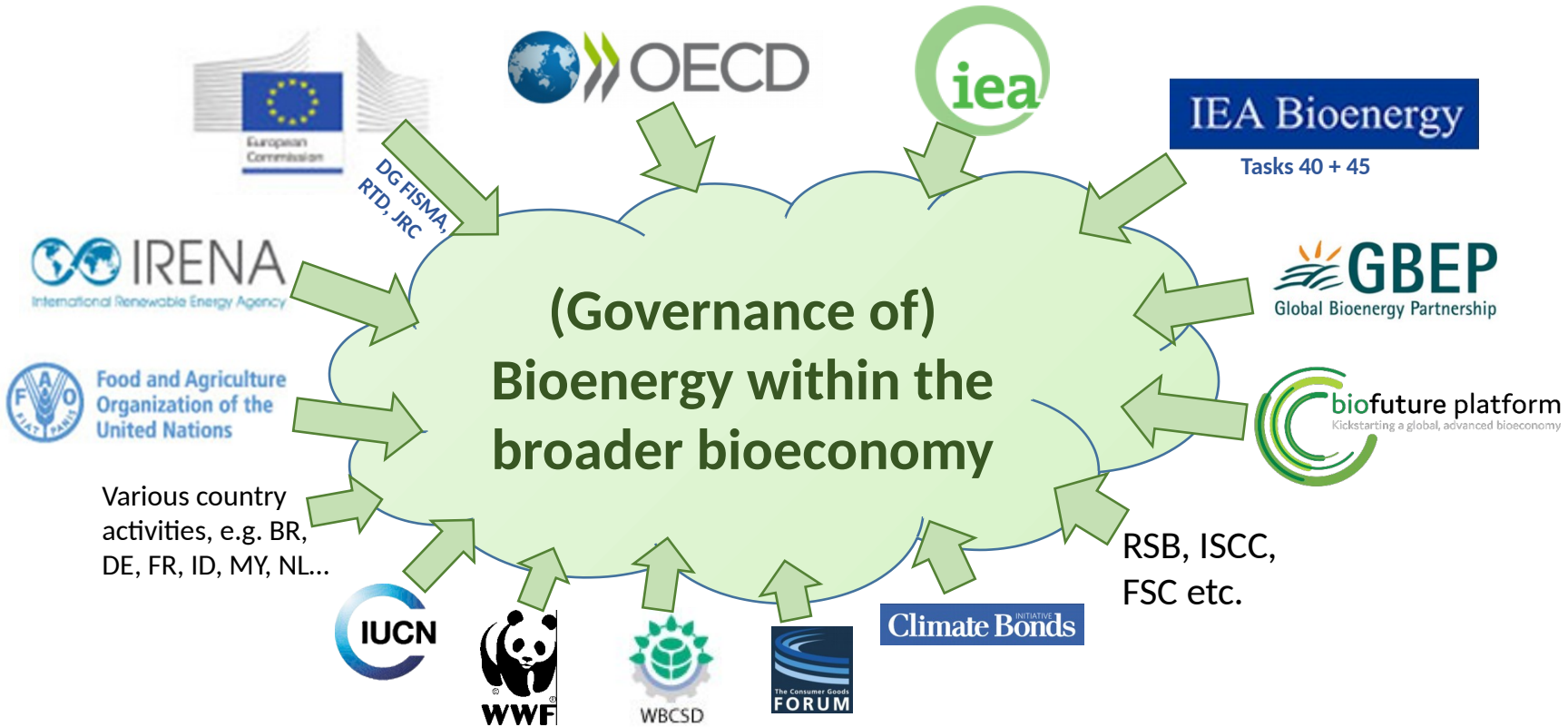
- 2 (food & agriculture)
- 3 (health) and 6 (water)
- 7 (energy)
- 8 (growth, employment)
- 11 (cities)
- 12 (consumption & prod.)
- 13 (climate change)
- 15 (forests, land)

SDG links indicate **tradeoffs**

SDG	Key wording	Driver	Safe-guard
1	End poverty in all its forms everywhere	(✓)	(✓)
2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	✓	✓
3	Ensure healthy lives and promote well-being for all at all ages	(✓)	(✓)
4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all		
5	Achieve gender equality and empower all women and girls	(✓)	(✓)
6	Ensure availability and sustainable management of water and sanitation for all	(✓)	(✓)
7	Ensure access to affordable, reliable, sustainable and modern energy for all	✓	(✓)
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	✓	(✓)
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	(✓)	
10	Reduce inequality within and among countries		
11	Make cities and human settlements inclusive, safe, resilient and sustainable	✓	(✓)
12	Ensure sustainable consumption and production patterns	✓	(✓)
13	Take urgent action to combat climate change and its impacts	✓	✓
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	(✓)	(✓)
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	✓	✓
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels		(✓)
17	Strengthen the means of implementation and revitalise the global partnership for sustainable development	(✓)	(✓)

Source: own elaboration based on SDKP (2015). **Bold text:** SDG related to energy; (✓) = partially relevant

International contributors to sustainable bioeconomy governance



To be involved (among others):



Governing sustainability in biomass supply chains: a kick-off event!

- Workshop is part of **new IEA Bioenergy Task 45** activities (Berndes)
- Acknowledges **bioenergy – SDG linkages**, and need for action (Le Feuvre)
- **Builds on results** of IEA Bioenergy Intertask project (Junginger)
- **Introduces views from**
 - EU (Kaukewitsch)
 - OECD (Philp)
 - developing world (Börner & Johnson)



Governing sustainability in biomass supply chains: **Workshop structure**

- Improve **understanding** across bioeconomy actors and sectors (✉ Session 2)
- Allow **mutual learning** (✉ World Café Round 1)
- **Align** variety of (international) approaches and initiatives (✉ World Café Round 2)
- **Initiate** joint activities as follow-up (✉ synoptical timeline)



Governing sustainability in biomass supply chains: **Key issues**

- Identify pragmatic solutions to **operationalize governance** of sustainable biomass
- What actions are needed to progress towards a sustainable, circular **bioeconomy**?
- How can we **gain trust** in a sustainable bioeconomy, including **bioenergy**?
- How can international **collaboration** provide a way forward?

We meet under Chatham House rule – but Ekaterina Bessonova (SEI) is collecting points of view



**It always seems impossible
until it's done**



Nelson Mandela

Thanks for your attention!

More information:

<http://task40.ieabioenergy.com>

<http://task45.ieabioenergy.com>

<http://itp-sustainable.ieabioenergy.com>

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