

PLATFORM Outcomes & Outlook

Open Satellite Meeting of the Bioeconomy Stakeholders Conference

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ERA-NETs and the value chain

Kees Kwant,

Netherlands Enterprise Agency (RVO)

Ministry of Economic Affairs

Netherlands



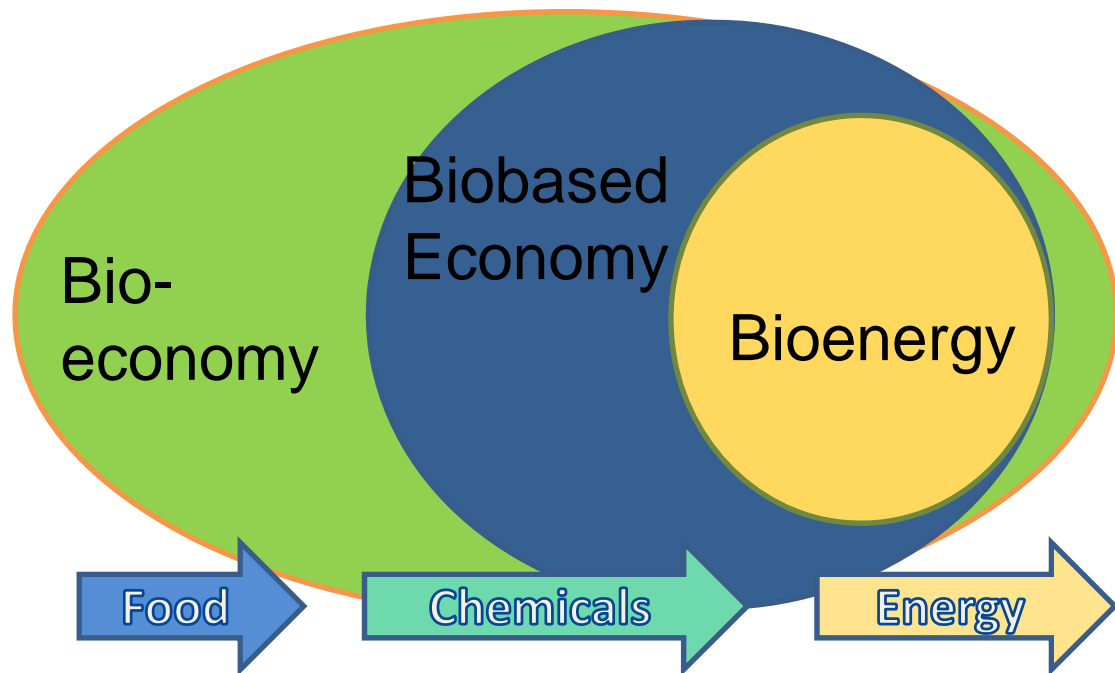
European Research Area

Content

1. A sustainable Bioeconomy
2. Research areas and networks in the the Bioeconomy
3. Possibilities for collaboration
4. Research collaboration in Horizon 2020
5. Conclusions and Recommendations

Biobased Economy part of Bioeconomy

A Biobased Economy
is a sustainable
Economy,
optimising
Economic value and
Natural value of biomass
by
Replacing Fossil
Resources



Vision Biobased Economy

Sustainable Production and Use of Biomass:

- *People*: food security, land rights, prosperity
- *Planet*: soil, water, air, GHG, biodiversity
- *Profit*: businesscases

Proven Sustainable Biomass does not come automatically



Sustainable Biobased Solutions



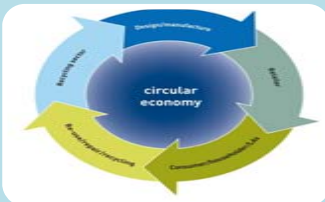
Integrated Food & Materials production

- Smart agriculture
- Increased production



Sustainable and Rural Development

- Local Resources and local use
- Tapping unused or abandoned land



Smart use of biomass

- Circular Economy, Cascading
- Biorefinery

2. Bioeconomy Networks in the R&D arena

R&D -fase

fundamental

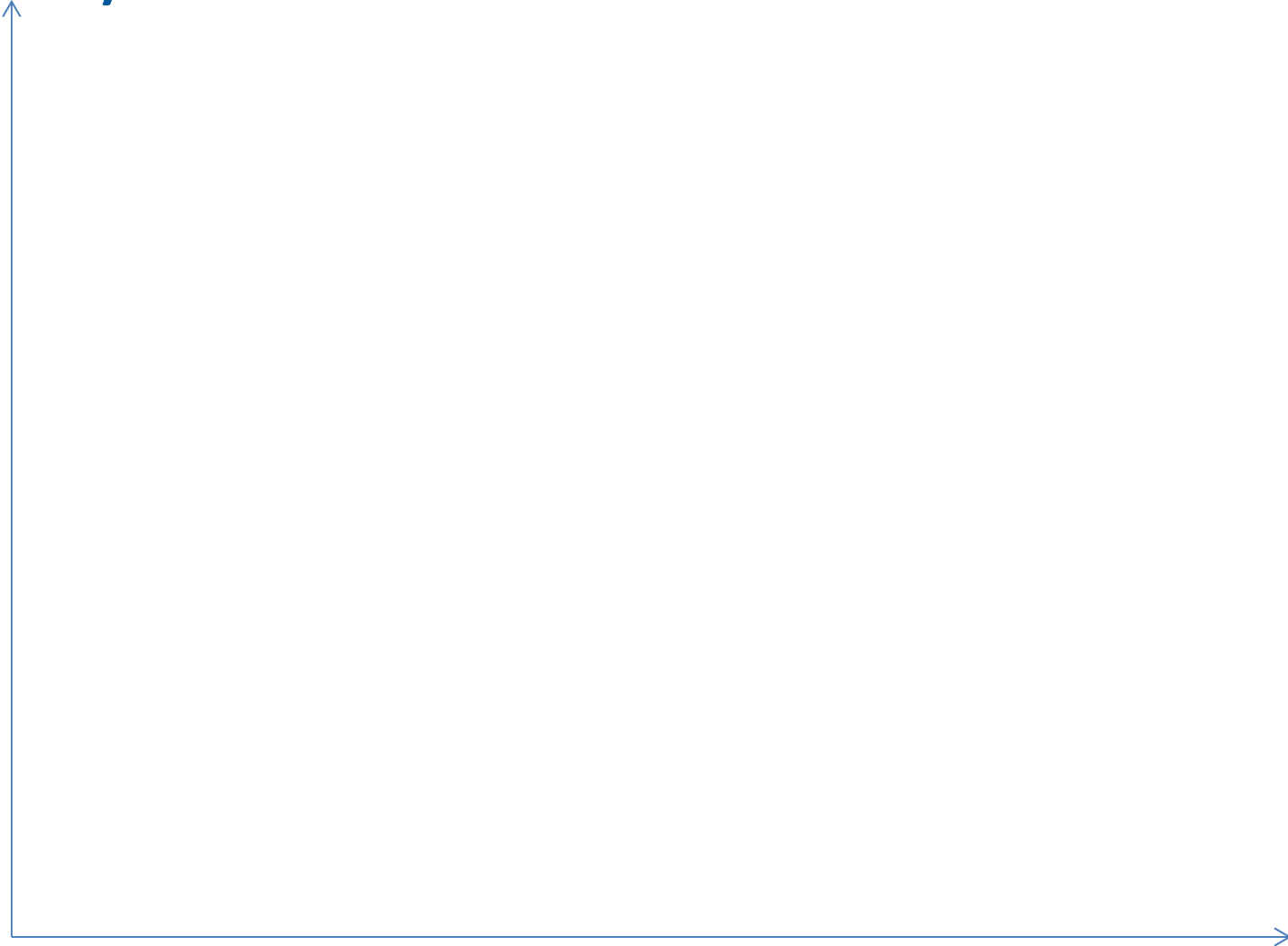
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general

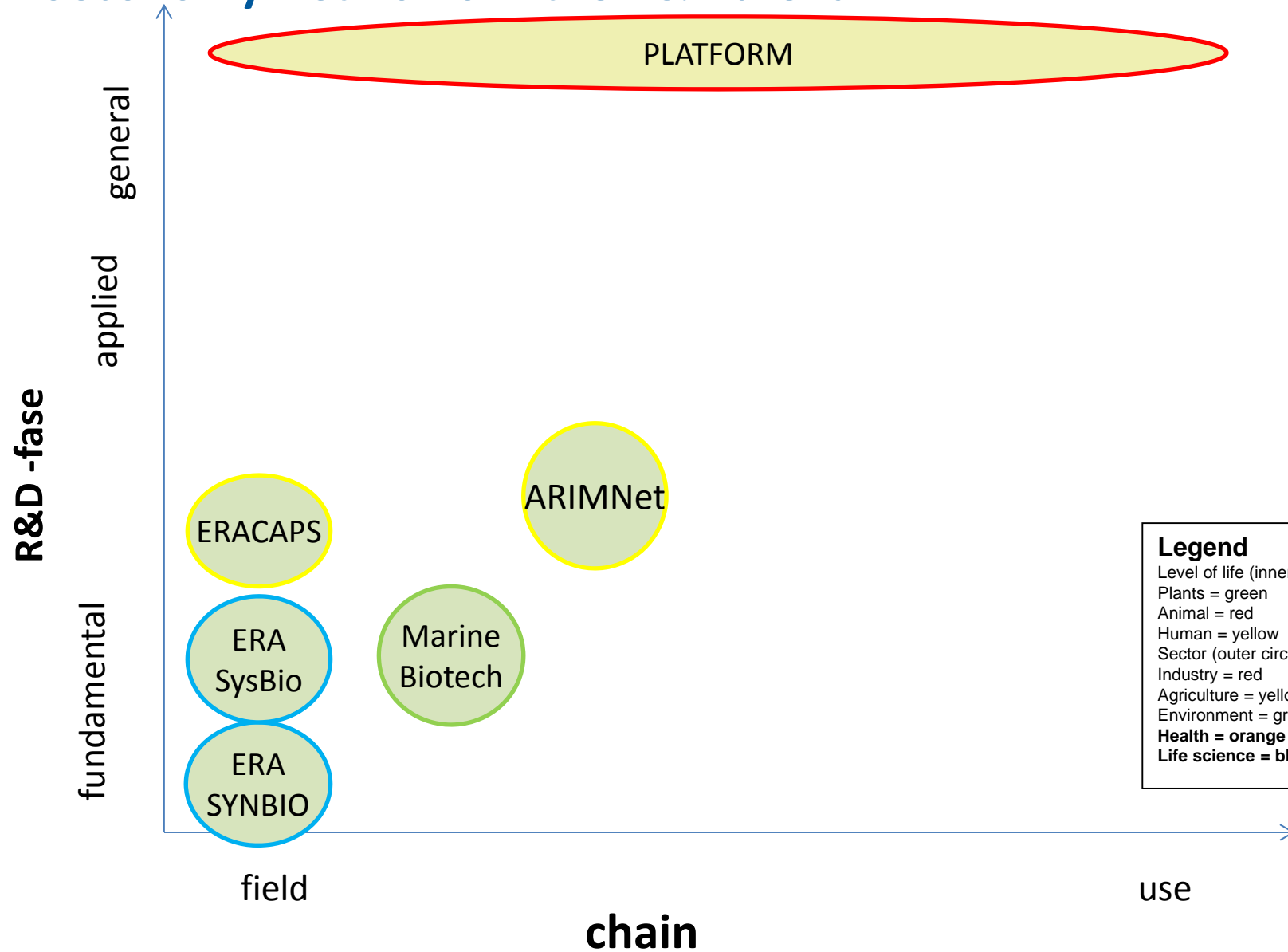
field

chain

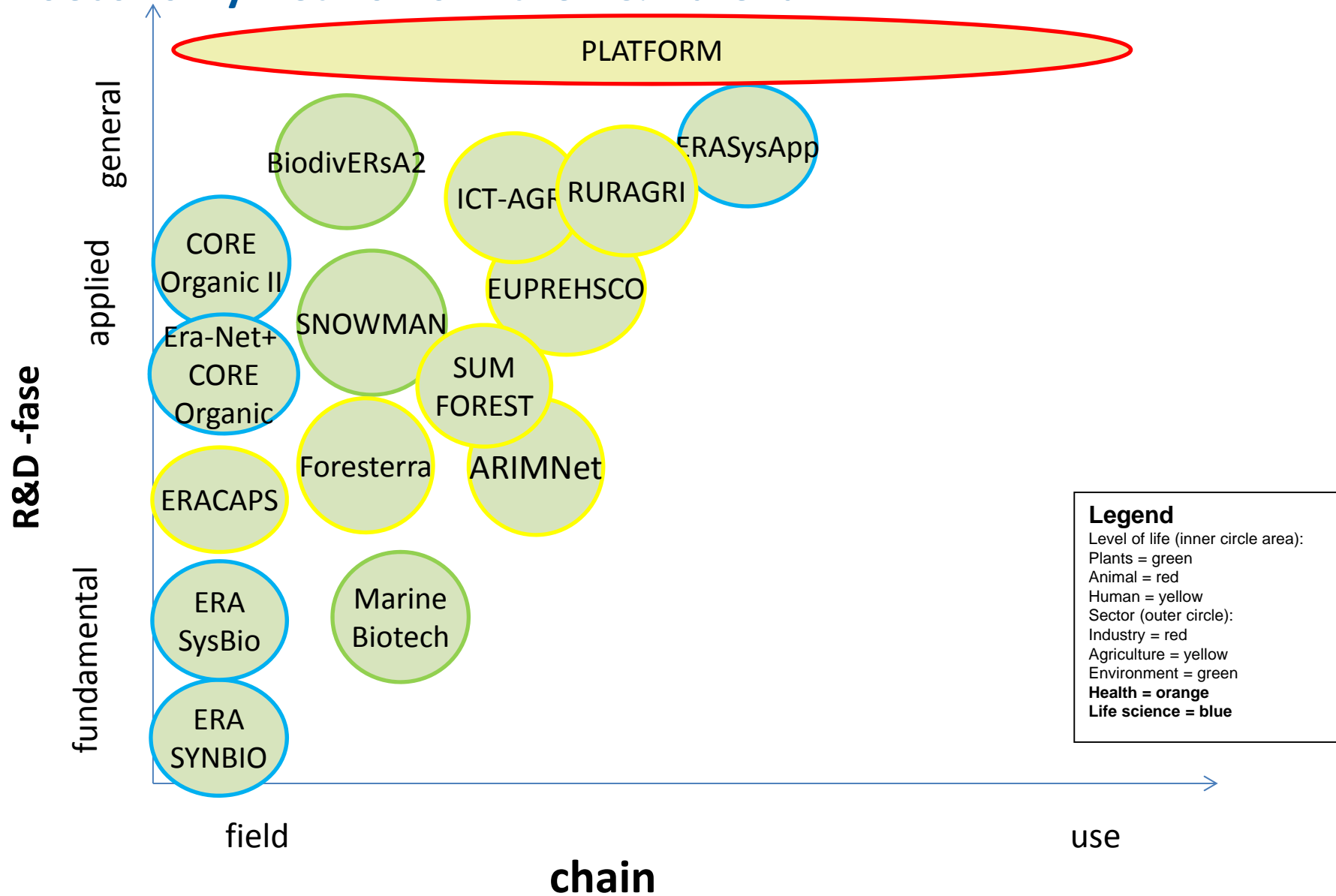
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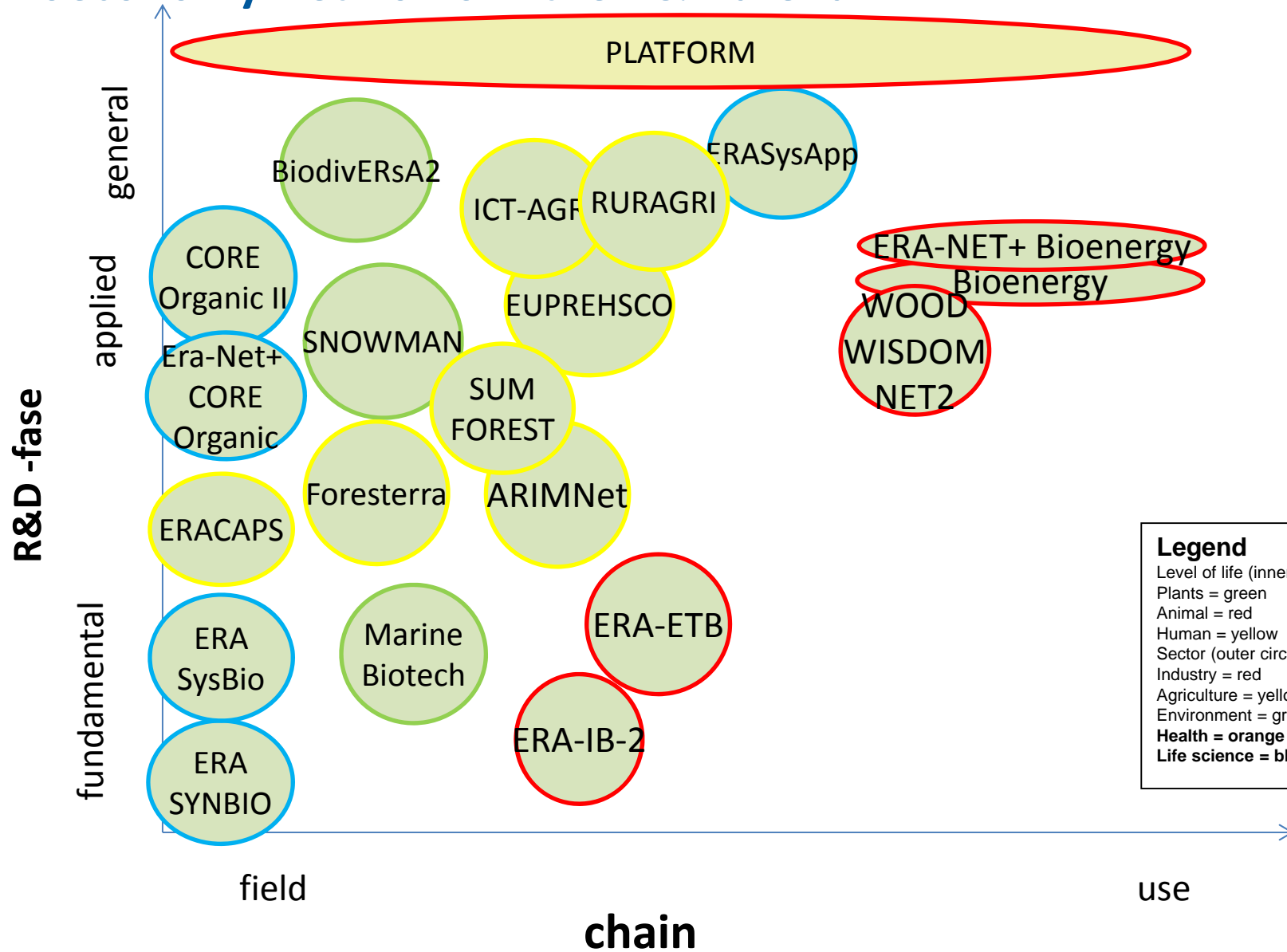
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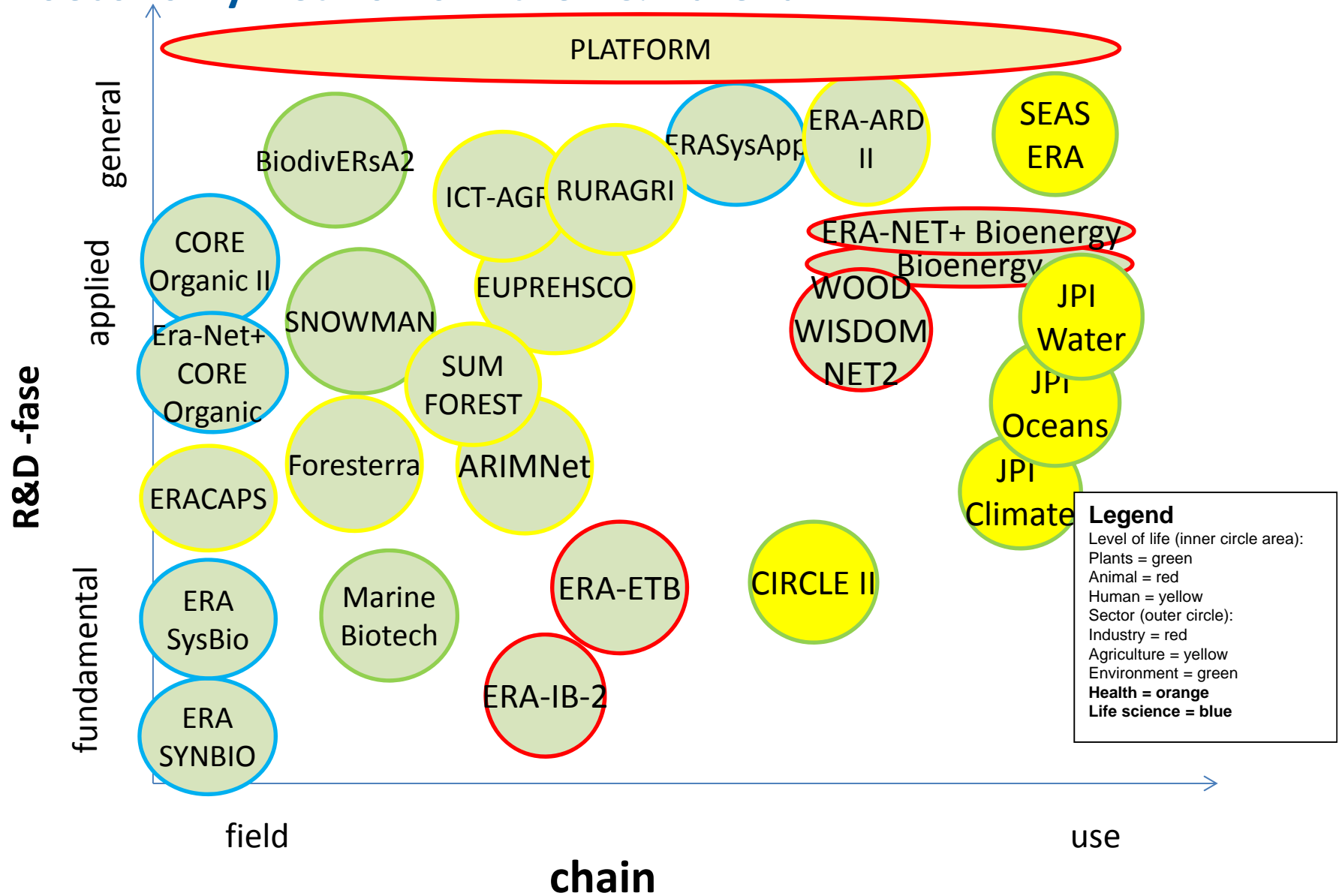
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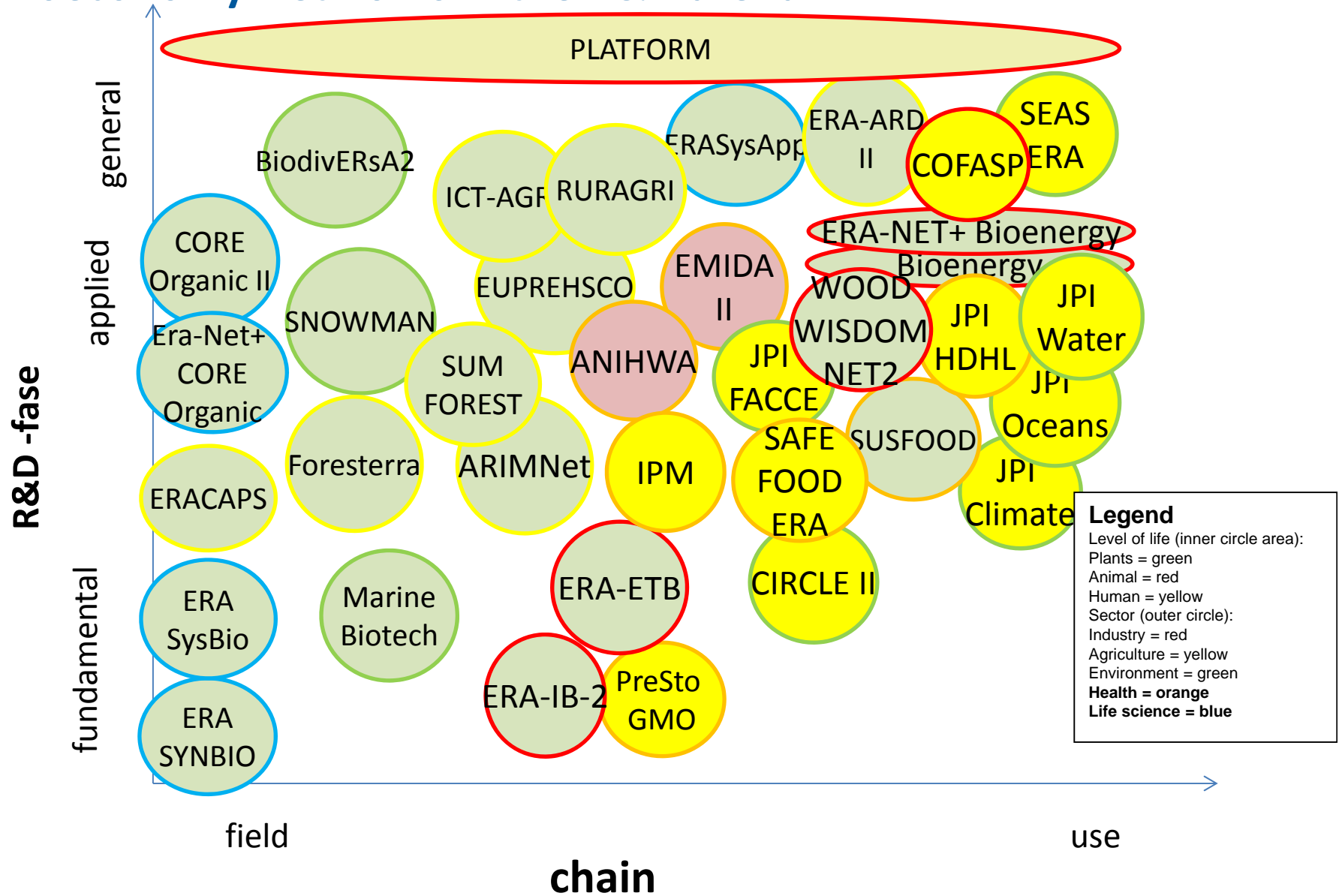
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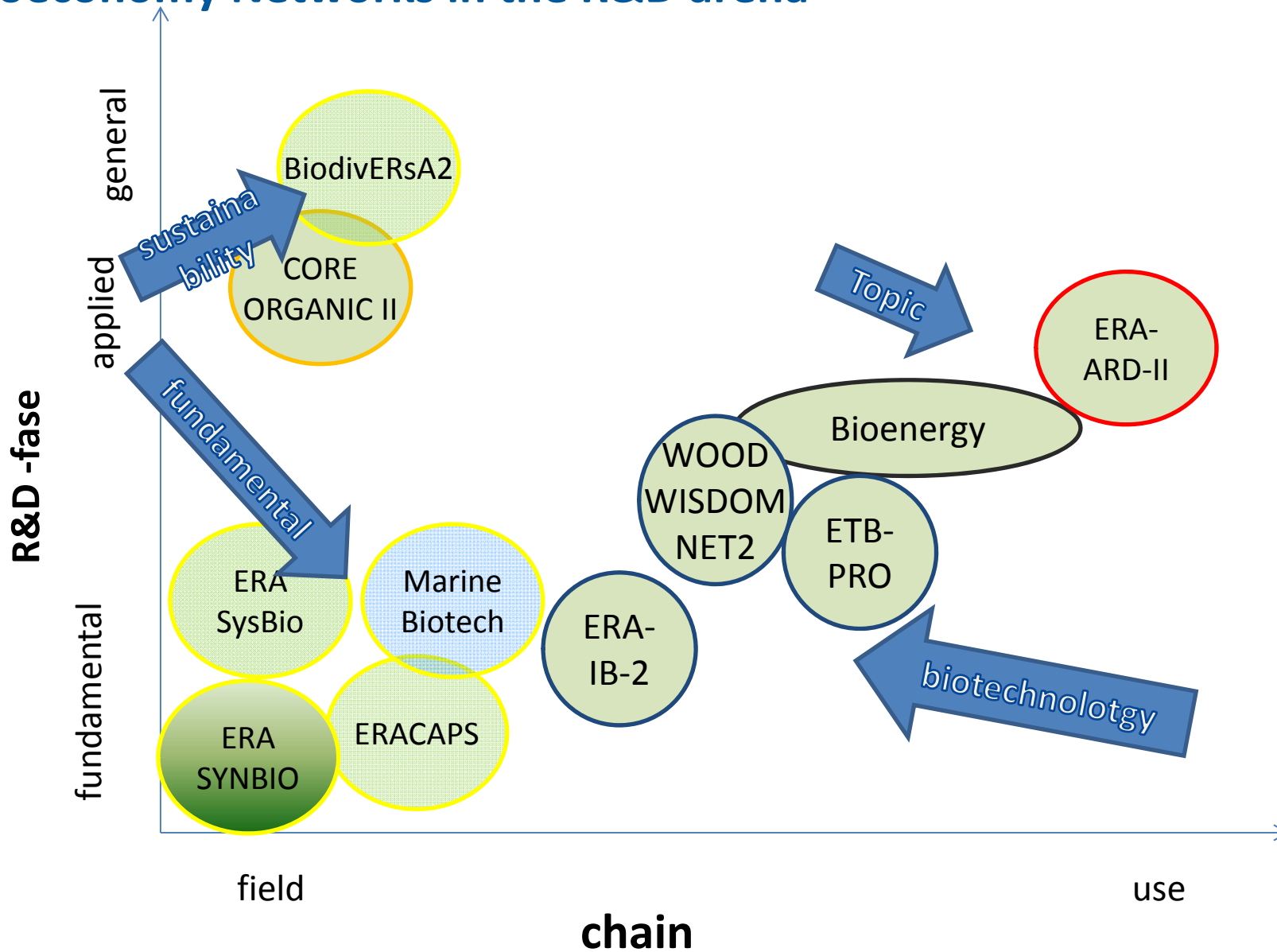
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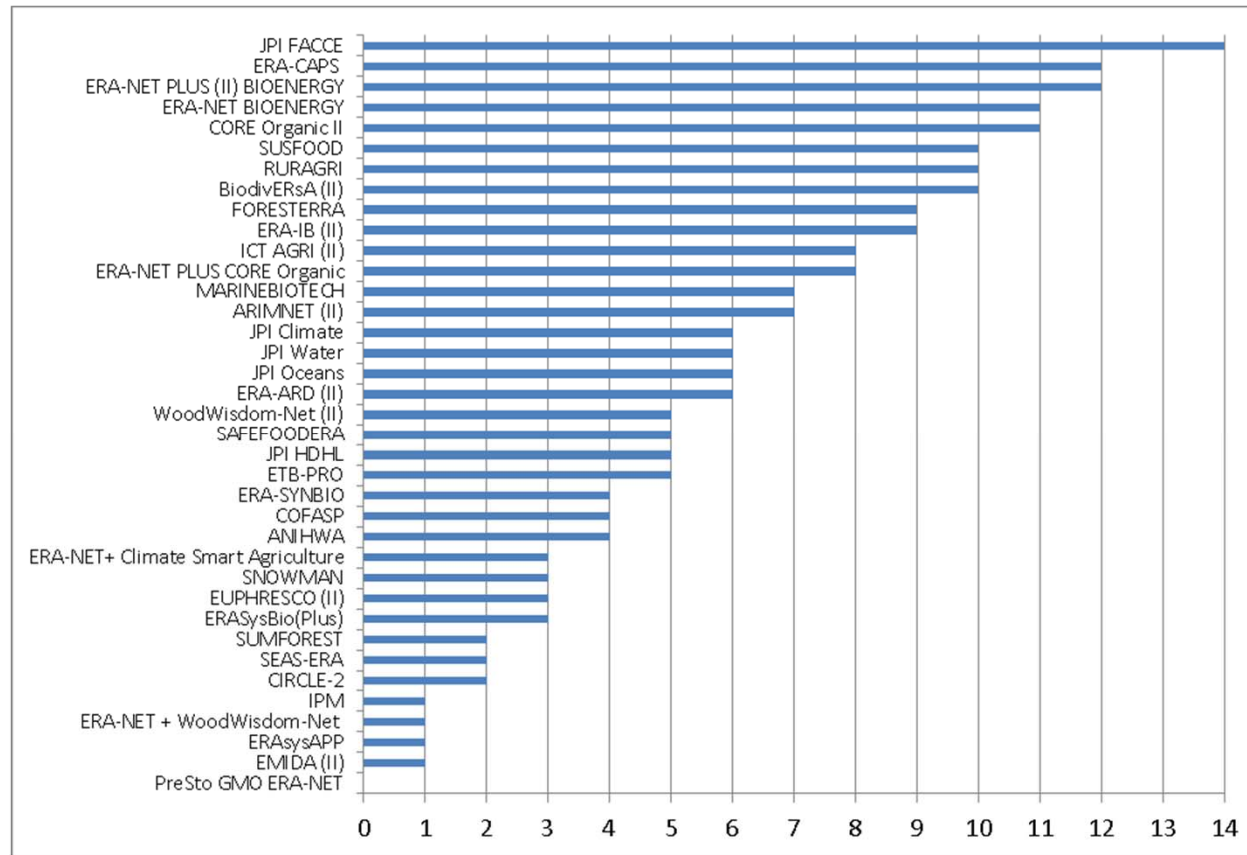
3. Possible Cooperations

- Topics
 - ERA ARD
 - Bioenergy
- Fundamental:
 - Synbio
 - > Foresterra
 - > ERACAPS
 - > Marine biotech
- Sustainability:
 - Core Organic
 - Biodiversa
- Biotechnology
 - ETB
 - IB
 - Wood Wisdom
 - Marine biotech

Bioeconomy Networks in the R&D arena

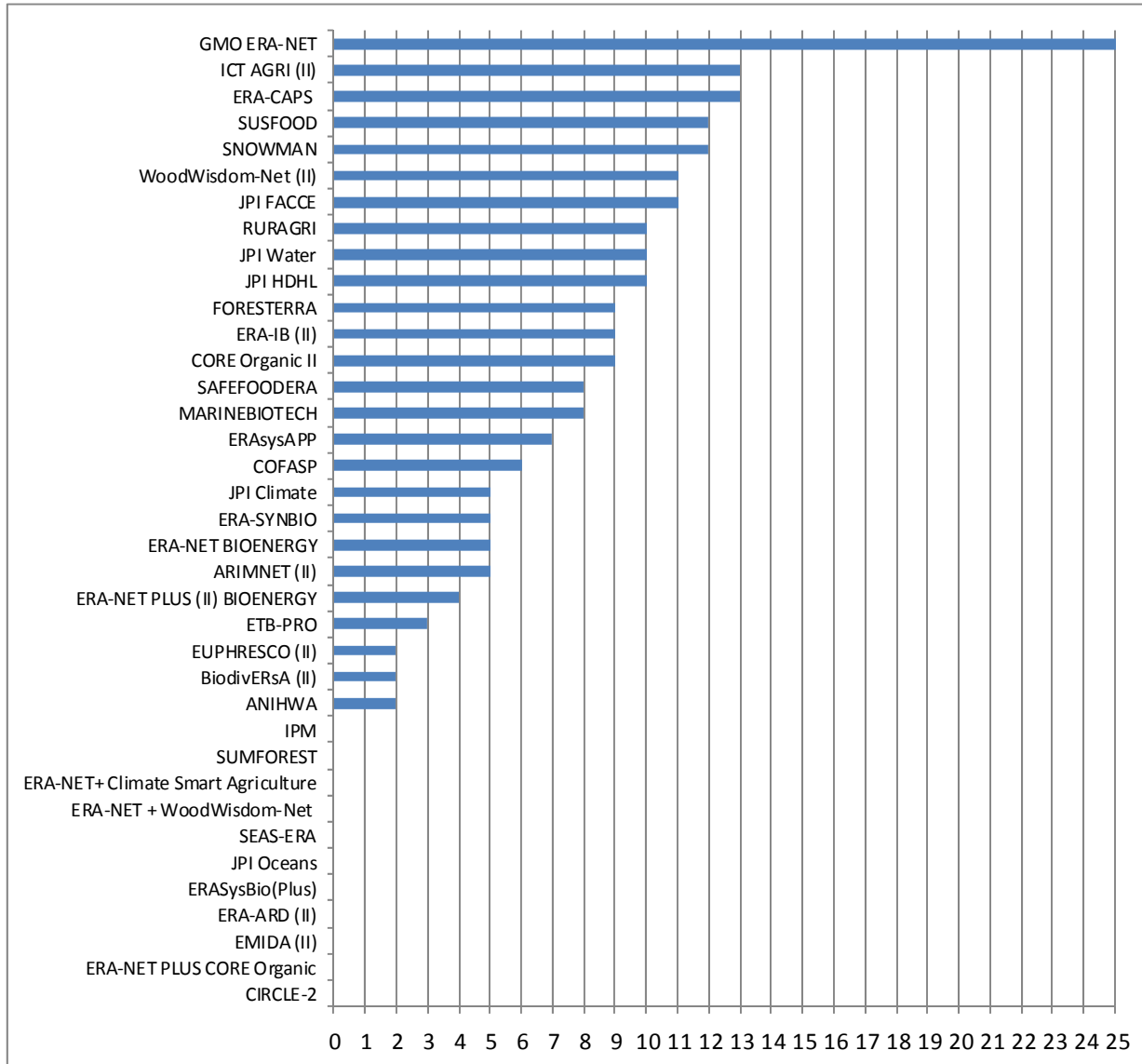


Positive network collaborations identified for networks by other networks



Positive network collaborations identified by networks regarding other networks

PLATFORM -Platform of Knowledge-Based Bio-Economy relevant ERA-NETs



PLATFORM – Platform of Knowledge Based Bioeconomy relevant ERA-NETs



	ANIHWA	ARIMNet II	BiodiversA	CO-FASP	CORE Org	ERA-CAPS	ERA-IB-2	ERA-NET BI	ERA-NET+ C	ERASynBio	ETB-PRO	EUPHRESCO	FORESTE	ICT-AGRI 2	JPI Climate	JPI FACCE	JPI HDHL	JPI Water	MarineBi
ANIHWA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
ARIMNet II	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0
BiodiversA II	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
CIRCLE-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CO-FASP	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
CORE Organic II	0	1	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
EMIDA II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERA-ARD-II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERA-CAPS	0	0	0	0	1	0	1	1	0	1	0	1	0	1	0	1	1	0	0
ERA-IB-2	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
ERA-NET BIOENERGY	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
ERA-NET+ Bioenergy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERA-NET+ Core Organic	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERA-NET+ Climate Smart	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERASynBio	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
ERASysAPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERASysBio+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETB-PRO	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
EUPHRESCO II	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
FORESTERRA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
ICT-AGRI 2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IPM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JPI Climate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
JPI FACCE	1	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1
JPI HDHL	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
JPI Oceans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JPI Water	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
MarineBiotech	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Presto GMO ERA-NET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RURAGRI	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
SAFEFOODERA	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
SEAS-ERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNOWMAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
SUMFOREST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUSFOOD	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0
WoodWisdom-Net 2	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0
Total by you	2	3	2	4	6	8	5	4	4	2	3	2	5	7	1	8	3	3	

Green: workshop
 Orange: Call
 Both: Blue

4. Improved ERANET/JPI cooperation in H2020

- Advantages
 - Effectiveness
 - Chain approach
 - Added Value
 - More with less money
- Disadvantages
 - More work
- Goal
 - Create more output
 - Better quality
 - Faster to the market

Approach towards Cooperation under Horizon 2020

- Selfsustained ERANET's continue
- Integration of ERANET's desirable to improve efficiency
- Support by Horizon 2020 in CoFund Actions
 - SC2: Food Security, sustainable agriculture and forestry,..
 - . ISIB-12c-2015: Monitoring and mitigation of agricultural and forestry greenhouse gases (GHG)
 - . ISIB-12e-2015: Sustainable livestock production
 - . ISIB-12f-2015: Biomarkers for nutrition and health
 - SC5 'Climate action, environment, resource efficiency and raw materials'
 - . WATER-3-2015: Stepping up EU research and innovation cooperation in the water area
- Develop new Cofund Actions for 2016 and

5. Conclusion

- › KBBE networks: ERANET, JPI, SCAR, share the goal of renewable resources for society
- › A major increase in use of biorenewable resources is foreseen in the next decades, with increasing limitations
- › Cooperation in all research areas is required to improve cost effectiveness, outputs and outcome
- › PLATFORM offers the platform to realise cooperation between the different networks