

Synbio Ecosystem Development Roadmap

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Office of the National Higher Education, Science, Research and
Innovation Policy Council (NXPO)

Ministry of Higher Education, Science, Research and Innovation

(Draft) SynBio Ecosystem Development Roadmap by SynBio Consortium

RDI Infrastructure

- Establish National Biofoundry
- Promote CDMO capability
- NQI development

Legal & Regulation

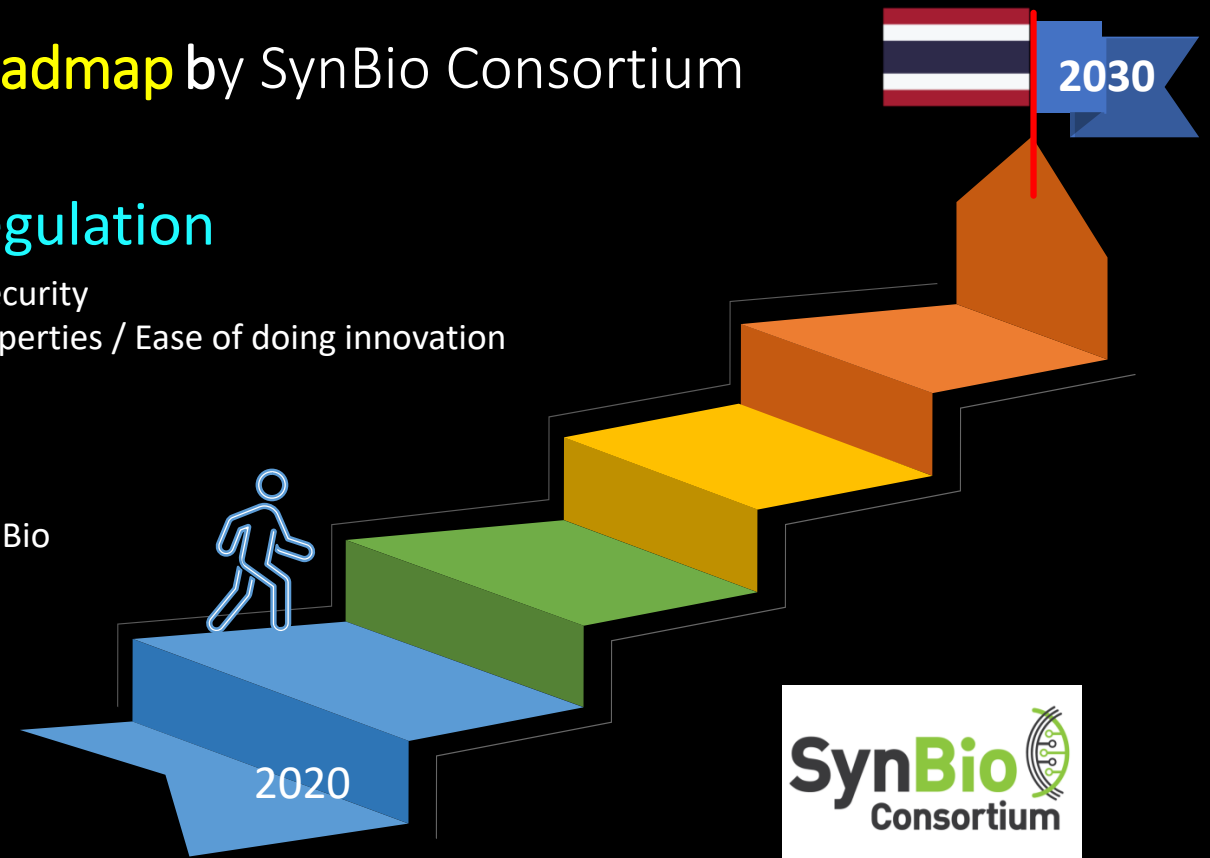
- Biosafety/biosecurity
- Intellectual properties / Ease of doing innovation

Investment & Strategic Funding

- Seed funding for startup to solve BCG problems using SynBio
- Incentive for corporate/VC investment

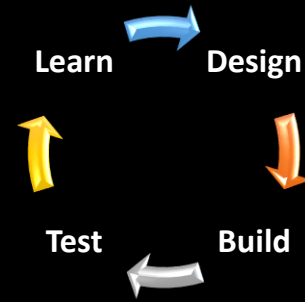
SynBio Academy

- Create curriculum/ training course
- Support global connection & participation
- Promote public awareness, participation & acceptance



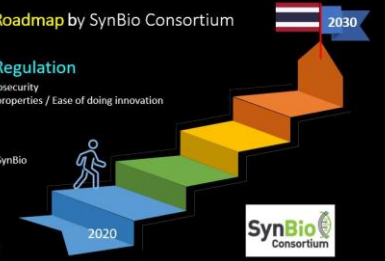
Goals		
SHORT (1-3 Y)	MEDIUM (3-5 Y)	LONG (>5 Y)
<ul style="list-style-type: none"> • Capacity building • Collaboration platform • Demonstrating commercial feasibility 	<ul style="list-style-type: none"> • Scale-up facilities • Manufacturing processes • Standardization 	<ul style="list-style-type: none"> • Deep-tech enterprises • New S-curve industry

ROADMAP Journey



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SynBio Roadmap Workshops

SynBio Forum 2021

SynBio meetings

- Consortium ecosystem
- Tech & Innovation
- Business

2

point points	anu	health	agriculture	Environment
Year 1
Year 2
Year 3
Year 4
Year 5

14th October 2021
28th October 2021

1

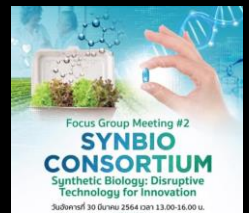
11th October 2021



407 participants from
181 organizations

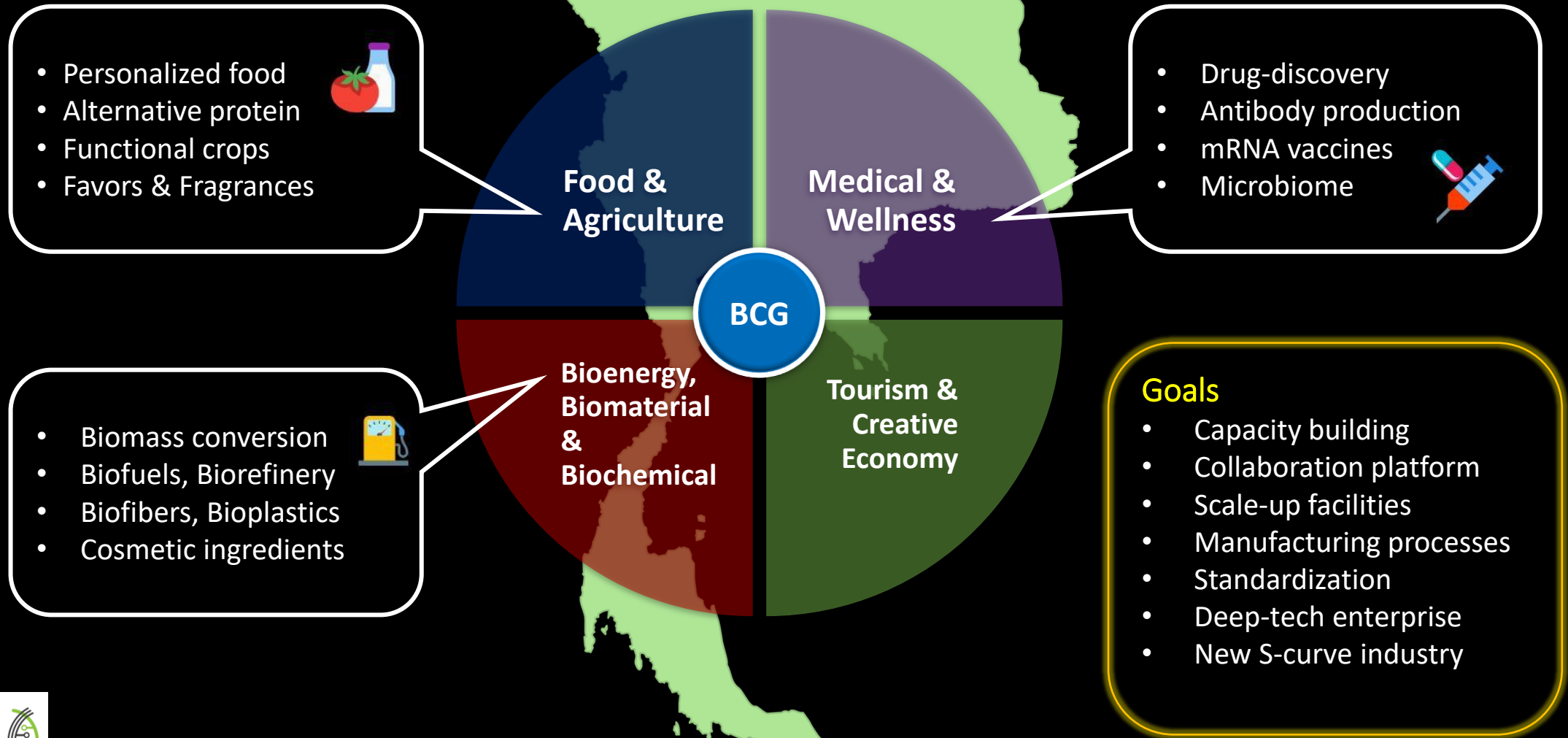
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15th March 2021 hosted by NXPO
30th March 2021 hosted by NIA
20th April 2021 hosted by FTI & BBGI



Synthetic Biology

Vision "A New Sustainable Economic Development Based on BCG"



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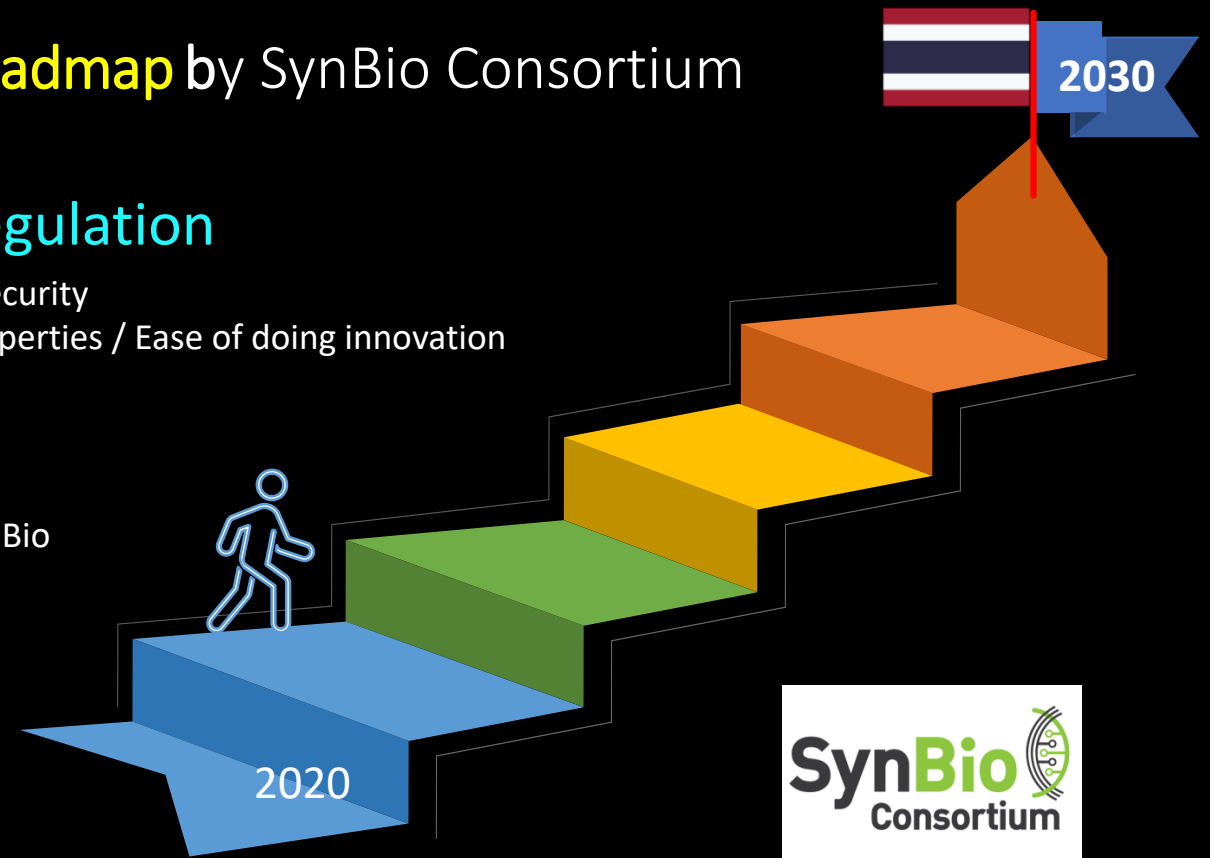
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