



Bioenergy and Food Security

FAO BEFS ASEAN Project Inception Meeting

Session 4

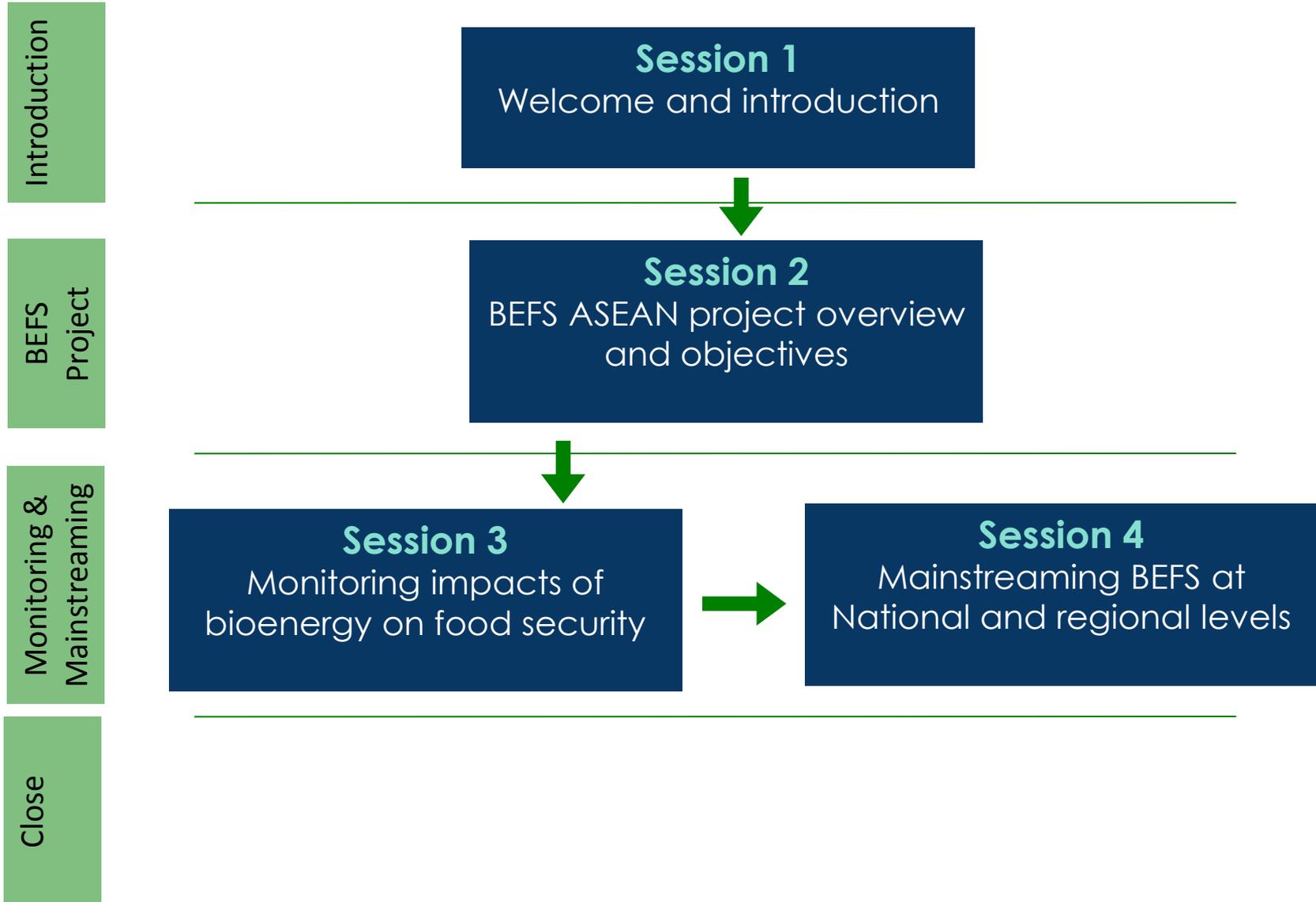
Mainstreaming bioenergy and food security

FAO Regional Office for Asia and the Pacific





Meeting Roadmap





Session overview

1. Bioenergy and trade-offs
2. Policy mainstreaming using BEFS
3. Regional Policy Dialogue and BEFS
Discussion session

Topics for discussion



BEFS

Bioenergy and Food Security

Bioenergy and trade-offs

FAO Regional Office for Asia and the Pacific





USA

- Biofuel blending mandate of 136 billion litres by 2022

China

- 362 GW RE (incl. biomass) by 2020
- 15 billion litres of biofuel by 2020

EU

- 10% by energy content (1st & 2nd gen biofuels) by 2020

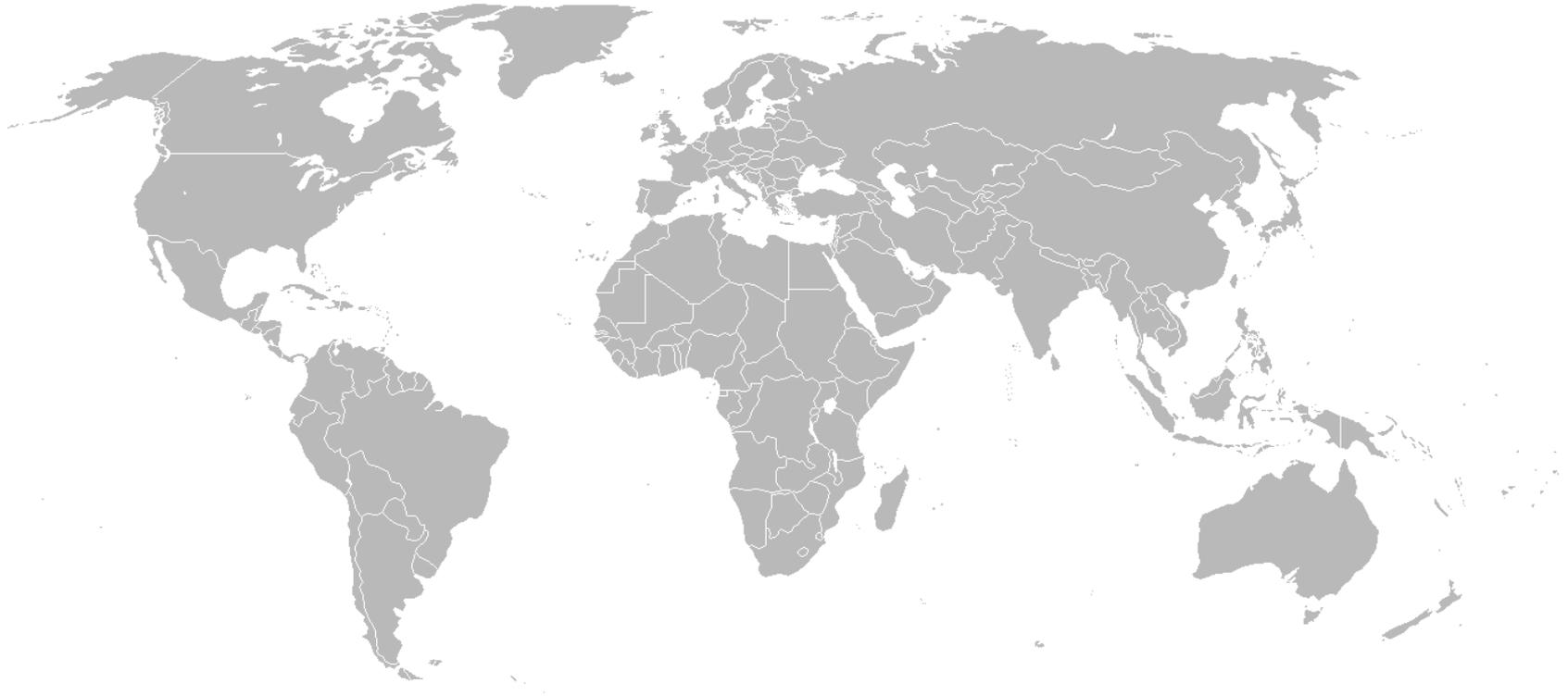
India

- 15% RE (incl. biomass) by 2020
- Ethanol mandates in certain states

Brazil

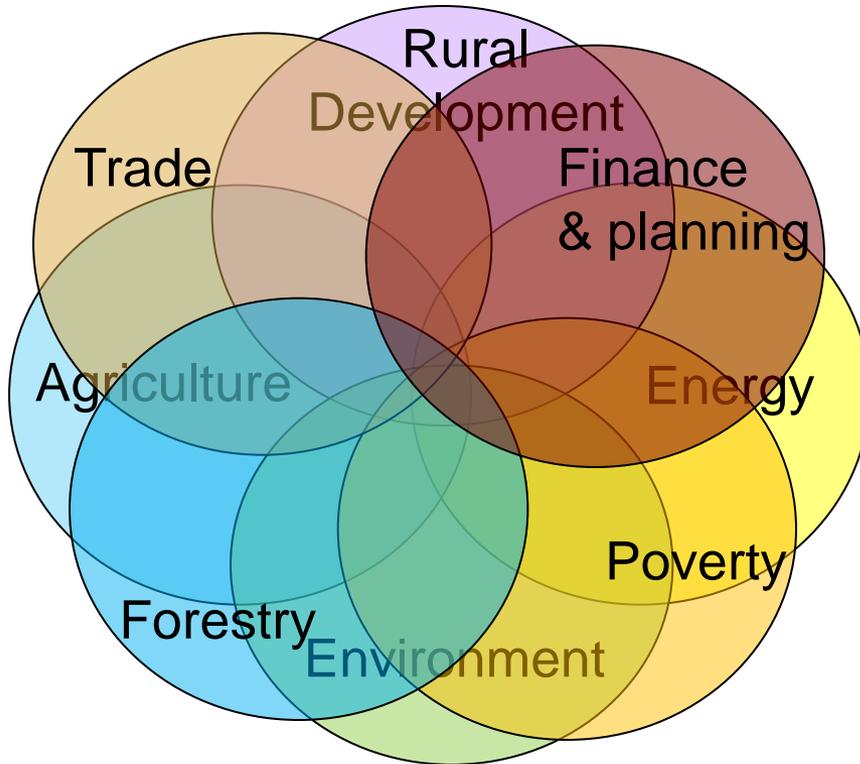
- B5 blending by 2013, E20-25 already in place

Bioenergy development driven by government



But what are the trade-offs?

Need for coordinated approach



Bioenergy intersects with a range of policy issues



BEFS

Bioenergy and Food Security

Mainstreaming using BEFS

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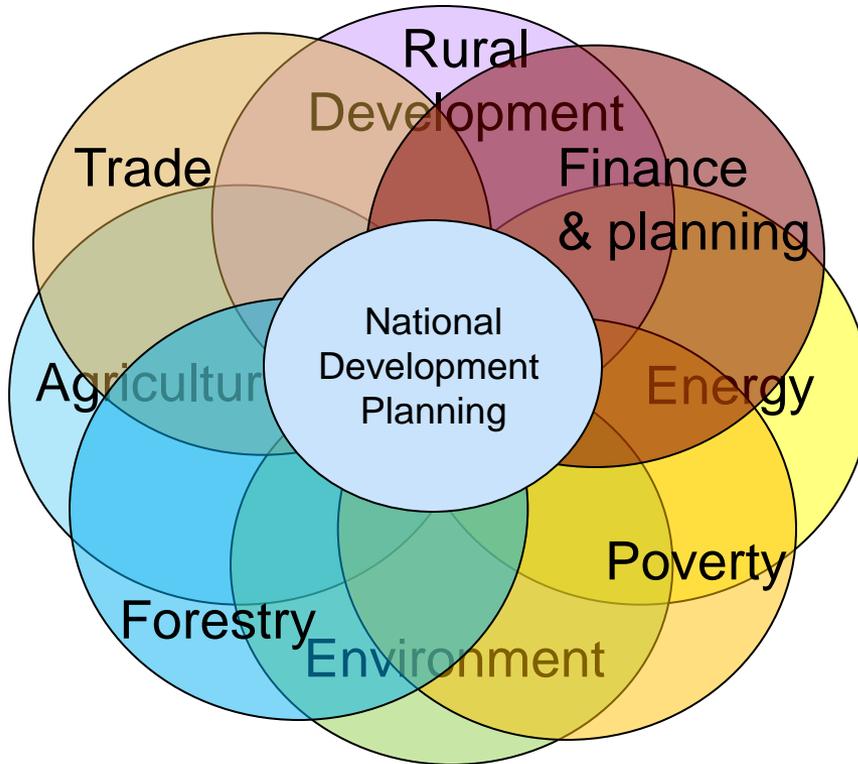


Mainstreaming

The informed integration of a relevant value, theme or concern into the decisions of institutions that drive national, local and sectoral development policy, rules, plans, investment and action

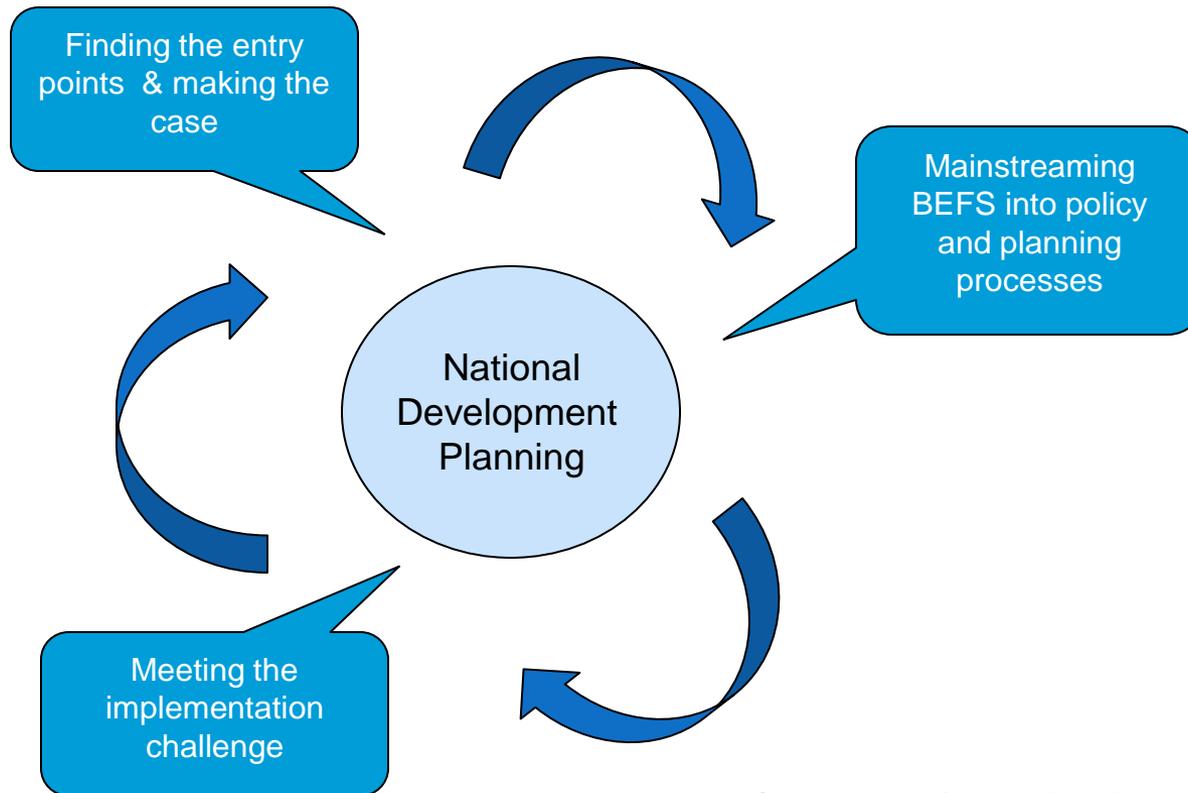
(adapted from Dalal-Clayton & Bass 2009)

Mainstreaming



..aims to provide an integrated solution

Mainstreaming BEFS



Source: Adapted from UNDP-UNEP, 2009, Figure 3.2 p.15

..aims to provide an integrated solution



Mainstreaming is iterative

Finding the entry points & making the case

Mainstreaming BEFS into policy and planning processes

Meeting the implementation challenge

Preliminary assessment
Understanding linkages
Understanding policy trade-offs

Collecting country-specific information
Assessments, economic analysis & demonstration

Budgeting and financing
Mainstreaming BEFS in the budgetary process

Raising awareness & building partnerships
National consensus and commitment to sustainable food-secure bioenergy

Influencing policy processes
National, sector and sub-national levels

Mainstreaming BEFS in monitoring systems
Food security monitoring
Bioenergy project appraisal

Strengthening institutions & capacities
Needs assessments
Working mechanisms

Costing, assessing and selecting bioenergy policy measures

Supporting policy measures
National, sector and sub-national levels

Strengthening institutions & capacities
Learning by doing

Strengthening institutions & capacities
Mainstreaming as standard practice

Engaging stakeholders and coordinating within the development community



FAO's BEFS Approach

A **multidisciplinary** and **integrated** set of **tools** and **guidance** that support:

- **Establishment of an institutionalized dialogue** among relevant national stakeholders
- **Assessment of the sustainable bioenergy potential**
- **Risk prevention and management**
- **Investment Screening and Appraisal**
- **Impact monitoring, evaluation and response**
- **Capacity building** at *technical* and *policy* level



Wide range of support materials available



Mainstreaming using BEFS

Finding the entry points
& making the case

Preliminary assessment

Understanding policy
trade-offs
Understanding linkages

**Raising awareness &
building partnerships**

National consensus and
commitment to sustainable
food-secure bioenergy

**Strengthening
institutions & capacities**

Needs assessments
Working mechanisms

1. Identify key issues
surrounding bioenergy
and food security

6. Build capacity at
technical and policy
levels

Where BEFS can help



Mainstreaming using BEFS

2. Assess the sustainable bioenergy potential

Mainstreaming BEFS into policy and planning processes

Collecting country-specific information
Assessments, economic analysis & demonstration

3. Prevent and manage risks

Influencing policy processes
National, sector and sub-national levels

Costing, assessing and selecting bioenergy policy measures

4. Appraise proposed bioenergy investments

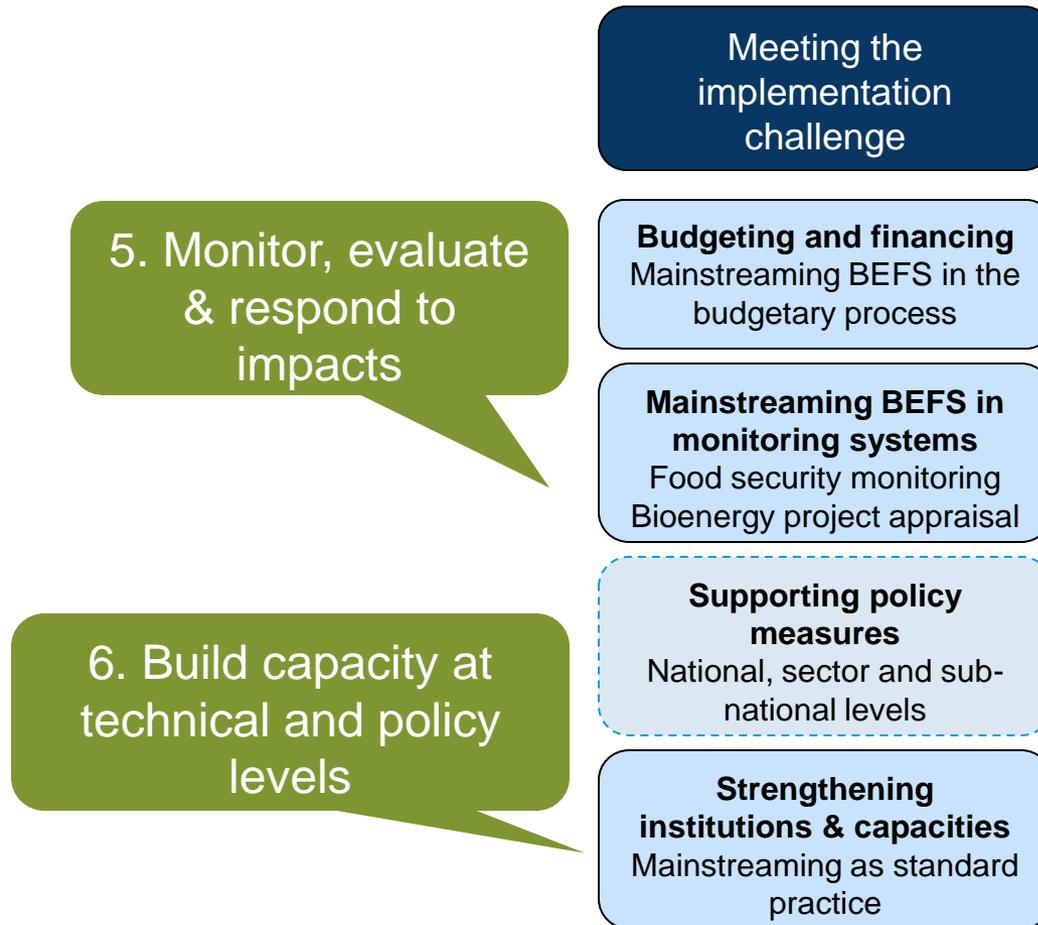
Strengthening institutions & capacities
Learning by doing

6. Build capacity at technical and policy levels

Where BEFS can help



Mainstreaming using BEFS



Where BEFS can help



BEFS

Bioenergy and Food Security

Discussion Session





Discussion

Points for discussion:

- 1 Did you observe any common gaps or challenges for countries in the region?
- 2 How could bioenergy development objectives contribute to agriculture and food security objectives?
- 3 How could bioenergy development objectives compete with agriculture and food security objectives?



Discussion

Points for discussion:

- 4 On the topic of bioenergy and food security, what do you feel are opportunities or issues that require stronger regional cooperation?
- 5 What type of cooperation or action is required at the regional and/or national level?
- 6 What type of support do you think FAO could provide on bioenergy and food security in the region or in your country?



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Thank You

