



BEFS

Bioenergy and Food Security

The BEFS Rapid Appraisal Tool:

Short Introduction

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Maputo, May 2014



FAO's BEFS Approach: mission

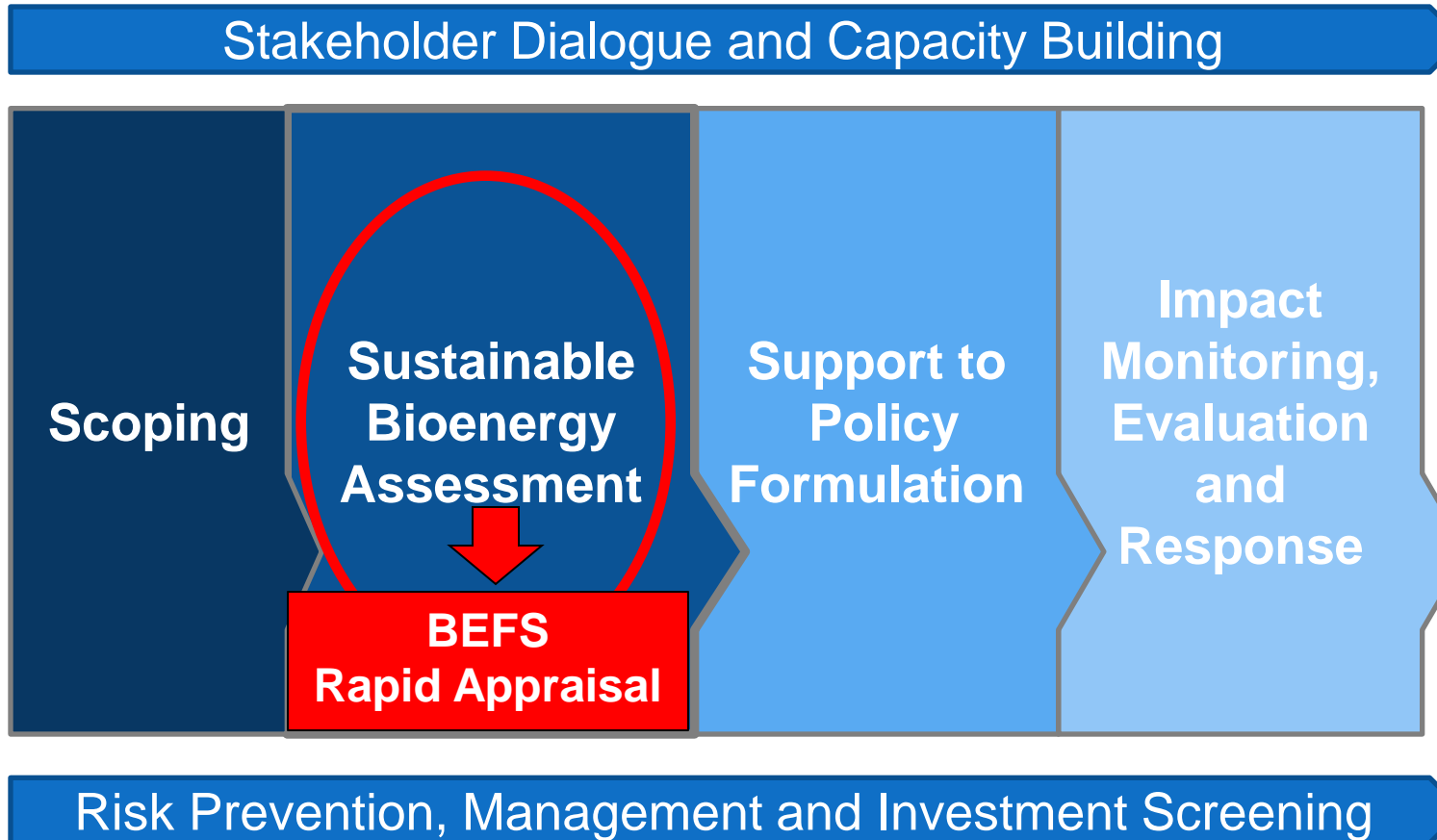
The BEFS Approach **helps** countries **design** and **implement sustainable bioenergy policies and strategies**, by ensuring that bioenergy development:

- contributes to **agricultural and rural development** in a **climate-smart** way, and
- fosters both **food and energy security**





The Bioenergy and Food Security (BEFS) Approach



Sustainable Bioenergy Assessment: BEFS Rapid Appraisal



- The BEFS Rapid Appraisal allows countries to get a **preliminary indication** of their **sustainable bioenergy potential** and of the associated **opportunities, risks** and **trade-offs**
- **How is food security safeguarded?**
 - Bioenergy feedstock potential is additional to current and planned uses for food and feed
 - Options for income and employment generation assessed
- **How is sustainability ensured?**
 - Exclusion of biodiversity- and carbon-rich areas
 - Sustainable use of natural resources
 - Economic and social sustainability addressed

The BEFS Rapid Appraisal



Country Status

Review of key indicators and trends: Agriculture, Energy, Environment, etc.

Natural Resources

Agriculture Residues

Fuelwood and Wood Residues

Crops

Biomass Potential Assessment

Energy End Use Options

Heating and Cooking
Charcoal, briquettes, biogas

Rural Electrification
Gasification, SVO, Combustion

Transport
Bioethanol, biodiesel

Techno-economic and Socio-economic Analyses

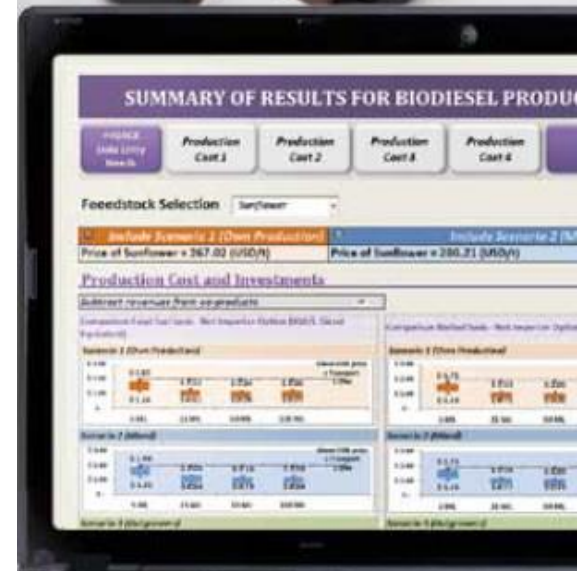
Country Specific Evidence

Excel tools and related user manuals
released in April 2014:

www.fao.org/energy/befs/rapid-appraisal/en

French / Spanish versions to follow shortly.

Pilot tested in Malawi and the Philippines.





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Thank you!

www.fao.org/energy/befs/en/

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