

CDM methodological approach to bioenergy projects

Meth Panel Unit, UNFCCC
2nd GBEP Task Force Meeting
Washington, 6-7 March 2008



Contents

- I. CDM Methodology Framework*
- II. Categorisation of Bioenergy and methodology status*
- III. Methodological approach to liquid biofuels*
- IV. Future direction*
- V. Information sources CDM*

CDM Methodology Framework

- Project based mechanism
 - ✓ Emission reductions are estimated from individual project specific circumstances and context
- Key principals defining the system boundary
 - ✓ Project emissions – all sources affected by project activity and under control of implementer
 - ✓ Baseline emissions – all sources that are displaced by project activity
 - ✓ Leakage – any source affected but not in control of implementer and significant
 - ✓ Balance treatment for inclusion/exclusion of sources in project and baseline

Bioenergy project categorization

- **Biomass residue or biomass waste**

- ✓ “Biomass residues means biomass by streams from agriculture, forestry and re
- ✓ Emissions from cultivation or upstream proce
- ✓ Methodologies using biomass residue for energy are approved

• for project activities producing energy as well biofuels

- **Cultivated biomass on land under implementers control**

- ✓ Limited to degraded lands - Emission from cultivation and Carbon pool changes
- ✓ Allowed on other lands, if the activity is re
- ✓ Methodologies only for projects that use biomass

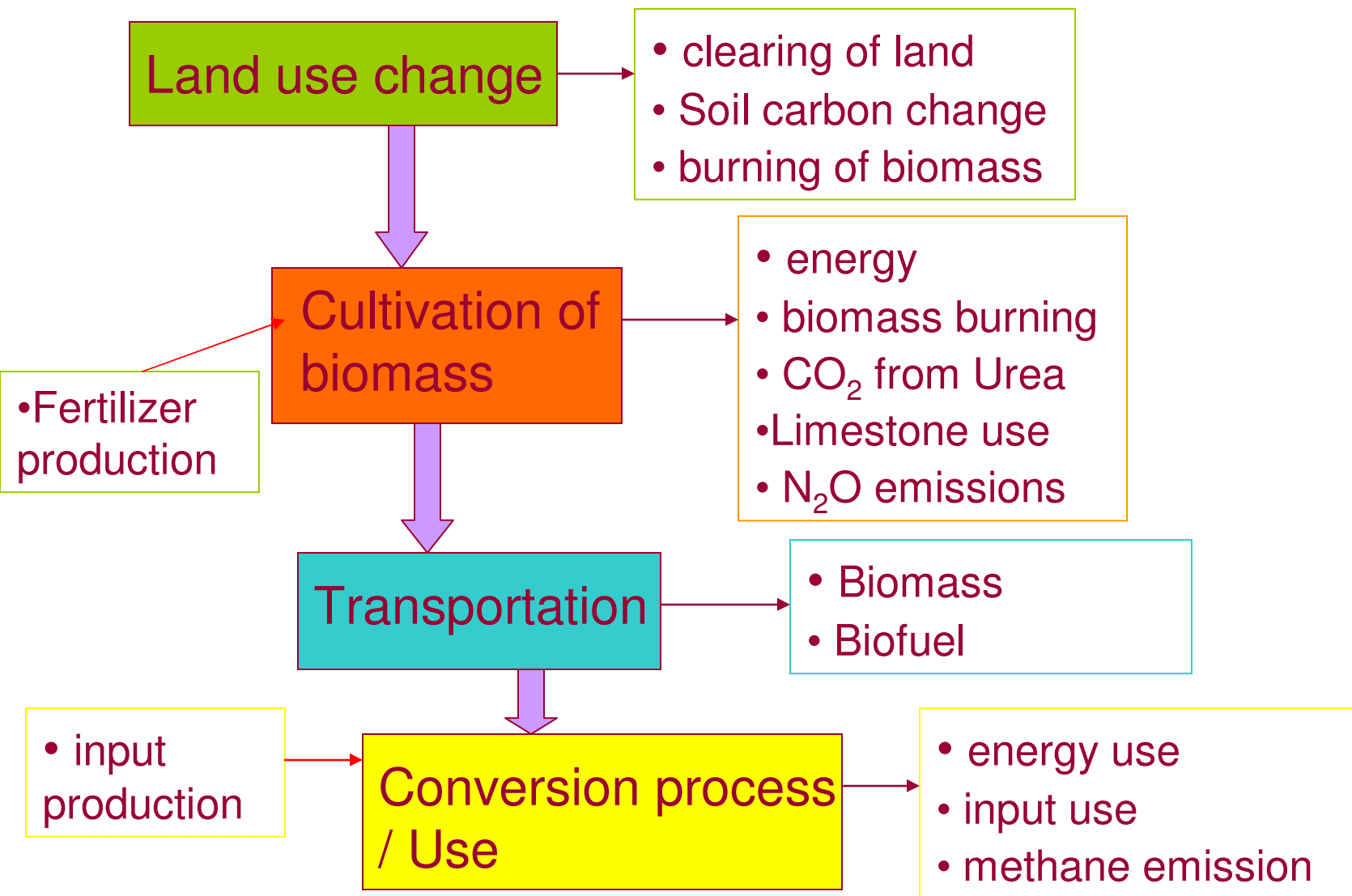
• for project activities producing energy

- **Biomass procured from markets or lands used for biomass production**

- ✓ Emissions from cultivation of biomass and indirect land use change
- ✓ Non-available as method to estimate indirect land use change not

developed

Liquid biofuels approach



Future Directions

- Apportioning of emissions to co-products and by-products
- Simplifying the methodology
 - ✓ ignoring emissions of the same magnitude in project and baseline scenarios
 - ✓ Developing default emission factors – biofuel production and petrodiesel production
- Indirect land-use change

INFORMATION SOURCE

Keep up to date

- ✓ CDM project search
(<http://cdm.unfccc.int/Projects/projsearch.html>)
- ✓ Interactive map with registered project activities
(<http://cdm.unfccc.int/Projects/MapApp>)
- ✓ UNFCCC CDM **website** (<http://unfccc.int/cdm>)
- ✓ UNFCCC CDM **News Facility** (*Requirement to register as a UNFCCC CDM web site user (join) -> automatically subscribed*)
- ✓ CDM EB meetings are **web cast (internet)**,
- ✓ **Reports of the EB to COP/MOP**

We Invite you to be on our Roster of
Experts – one can apply through
<http://cdm.unfccc.int/Panels/meth/CallForExperts>

Thanks

Contact: ssharma@unfccc.int

