

# Overall framework of options for including LULUCF in future climate change agreements

BOG4

(presented by MJ Sanz)

# The Current Kyoto Protocol Approach



One, Overall Target;

- Specified in tons of GHG emissions.
- In principle reduction can be met by reductions in any sector

Overall Target



What do we mean by “delinked’ Targets

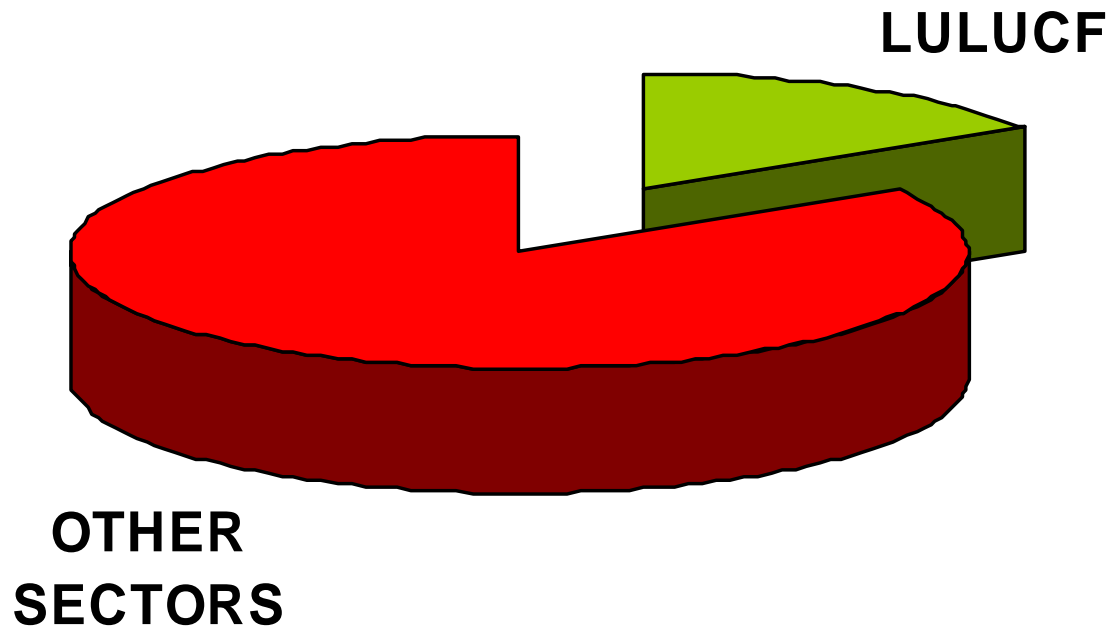


Target for  
Emissions from  
Combustion of  
Fossil Fuels

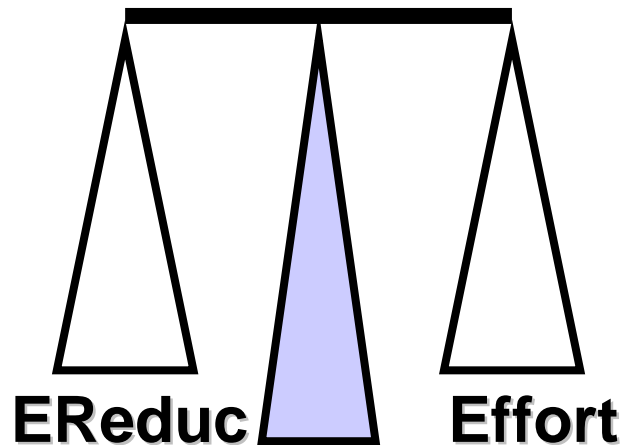


Target in  
LULUCF

Total reduction is sum of commitments in various sectors



# Target setting process balances effort in sectors and countries

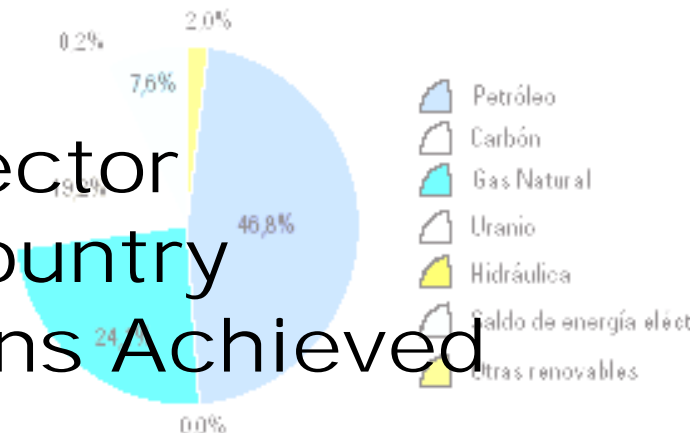


Carbon dioxide emissions, 1999



## Decisions Balance

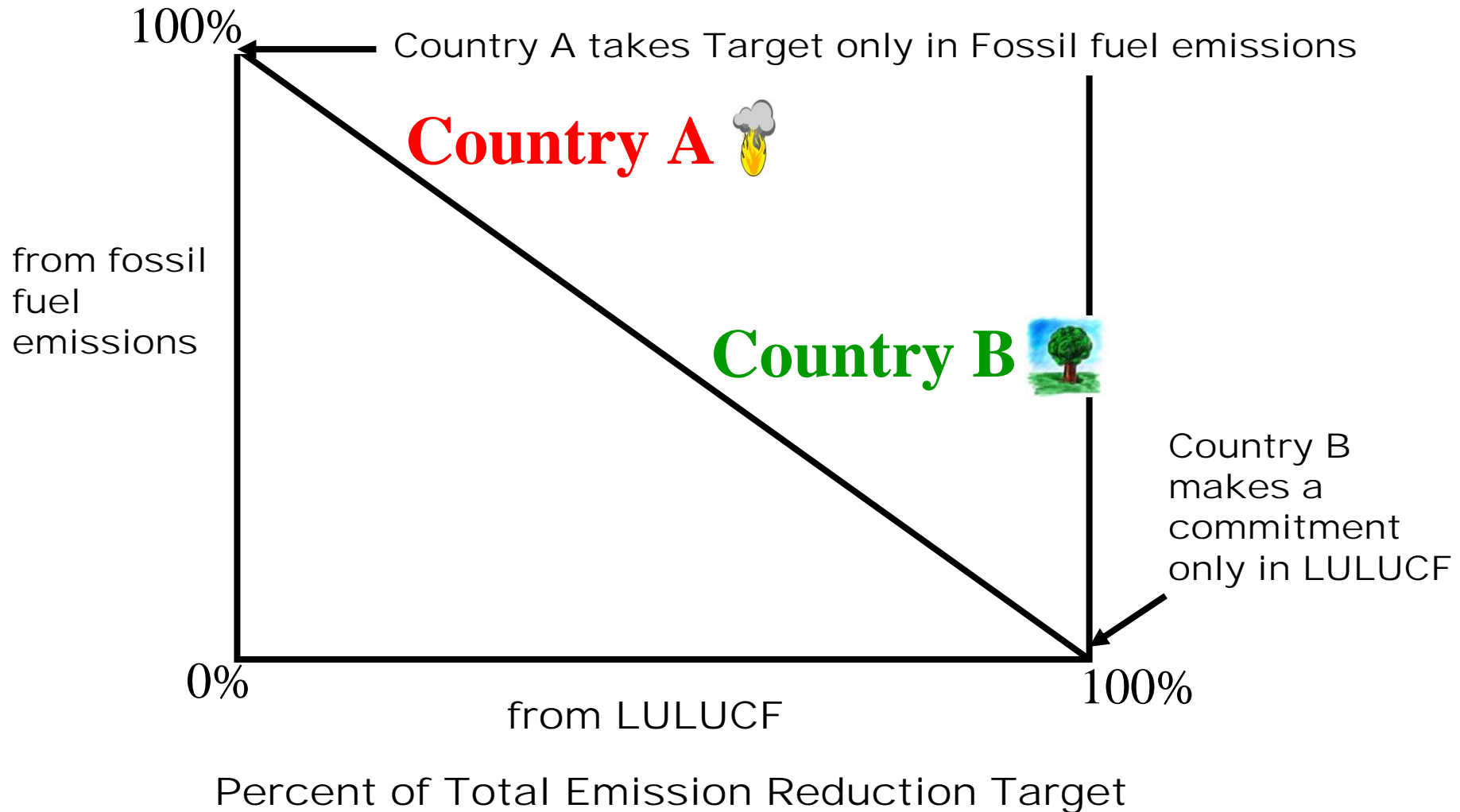
- ✓ Level of Effort in each sector
- ✓ Level of Effort in each country
- ✓ Total Emission Reductions Achieved



# Aims of a broader framework

- Increases flexibility thereby widening participation:
  - Developing countries could participate only in LULUCF or only in non-LULUCF sectors
  - Commitments can take forms other than tons of GHGs emitted
- Increases transparency and defines contributions of LULUCF to total commitment or target

# Reduction commitment in LULUCF can vary by country



# Commitments can take different forms in different sectors and countries

## Type 1:

Target specified in GHG emissions (Kyoto Protocol)  
(output-based)

## Type 2:

Commitment quantified in some units (input-based)  
    \$\$ spent to reduce GHG emissions  
    Gallons of biofuels used in transportation  
    Hectares in reduced impact logging  
    Specified Products meet GHG standards

## Type 3:

Commitment without quantification  
(policies and measures)  
    Use cleaner fuels in new power plants  
    Support conservation tillage

# Increased transparency

LULUCF achievements not permitted to assist in meeting fossil fuel commitment

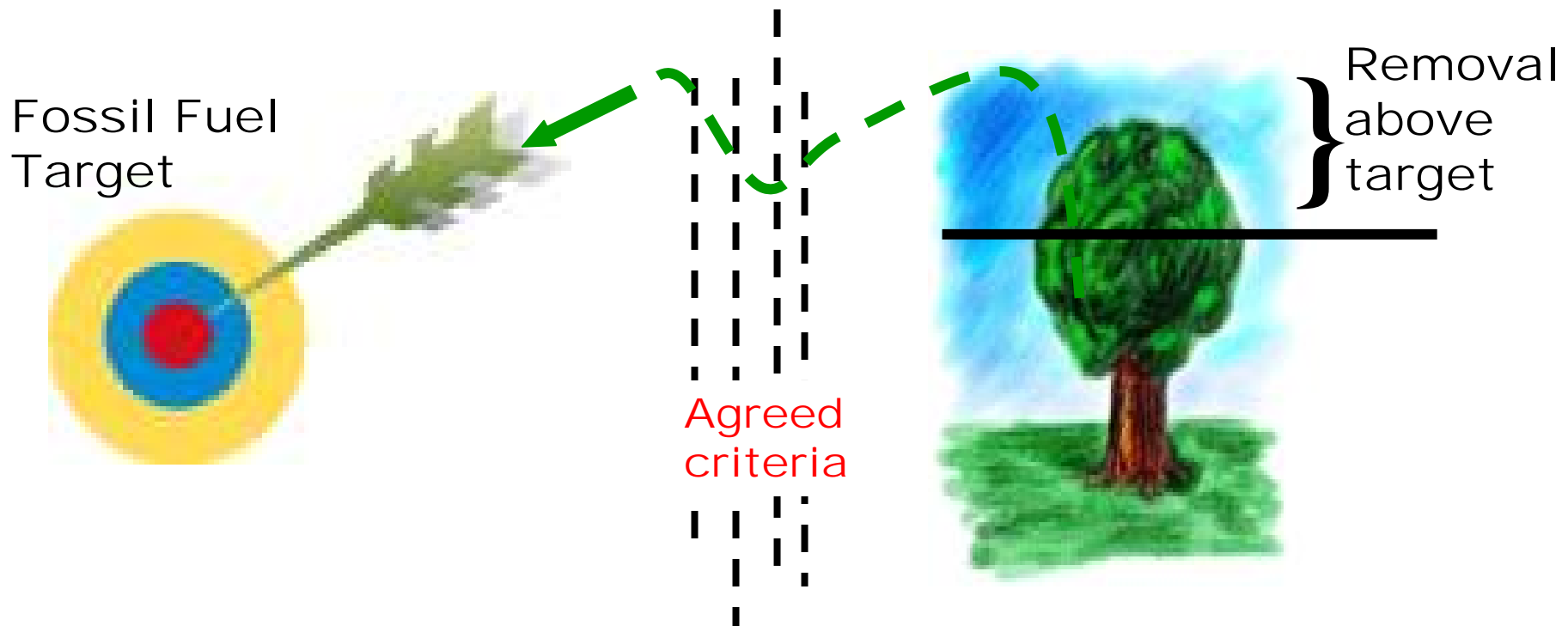


Fossil fuel target

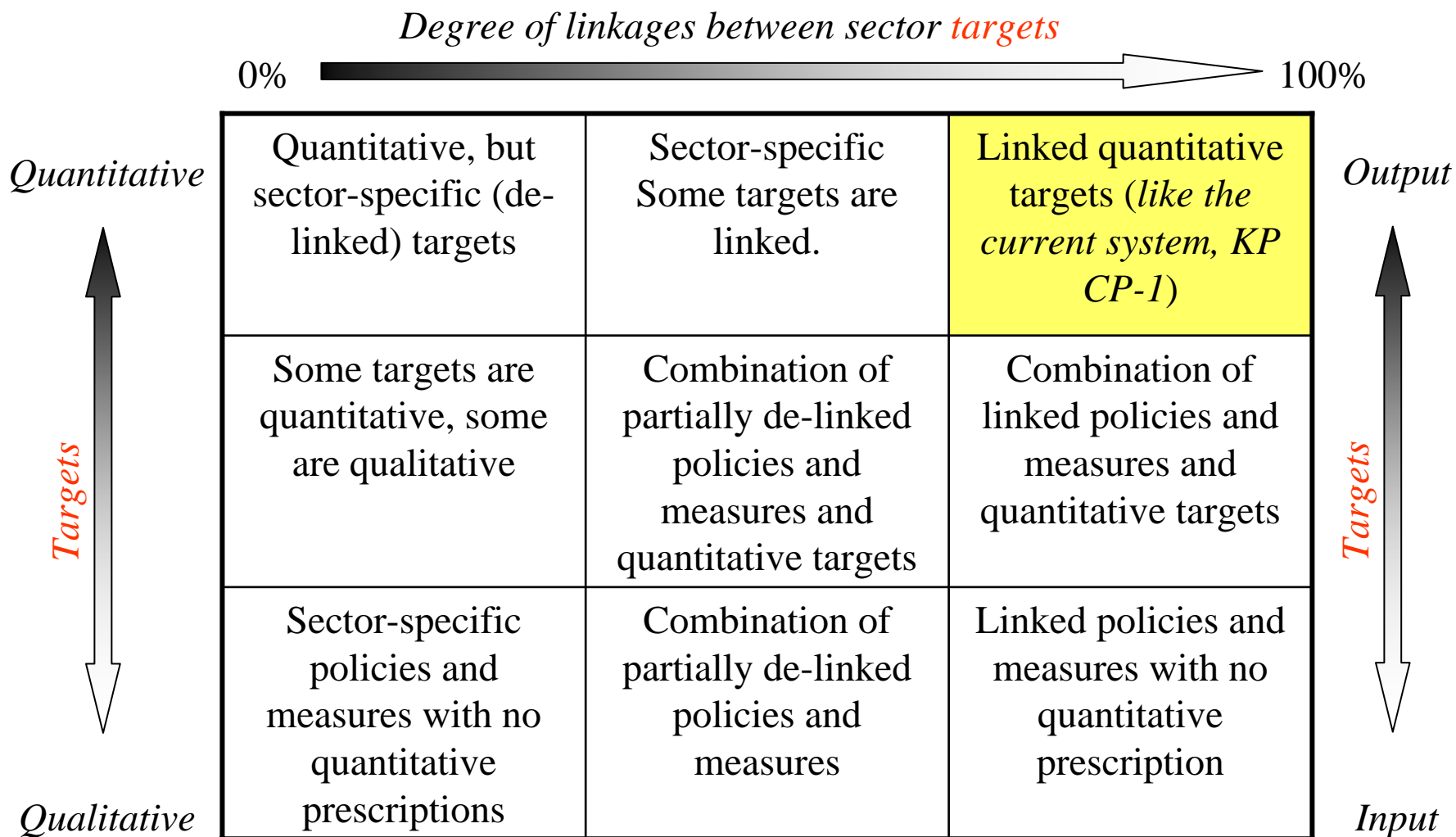


LULUCF target

# LULUCF removals commitments can help to meet other sector targets



Removals above target that pass agreed criteria can contribute to meeting other GHG commitments in other sectors



¡Gracias por su atención!

