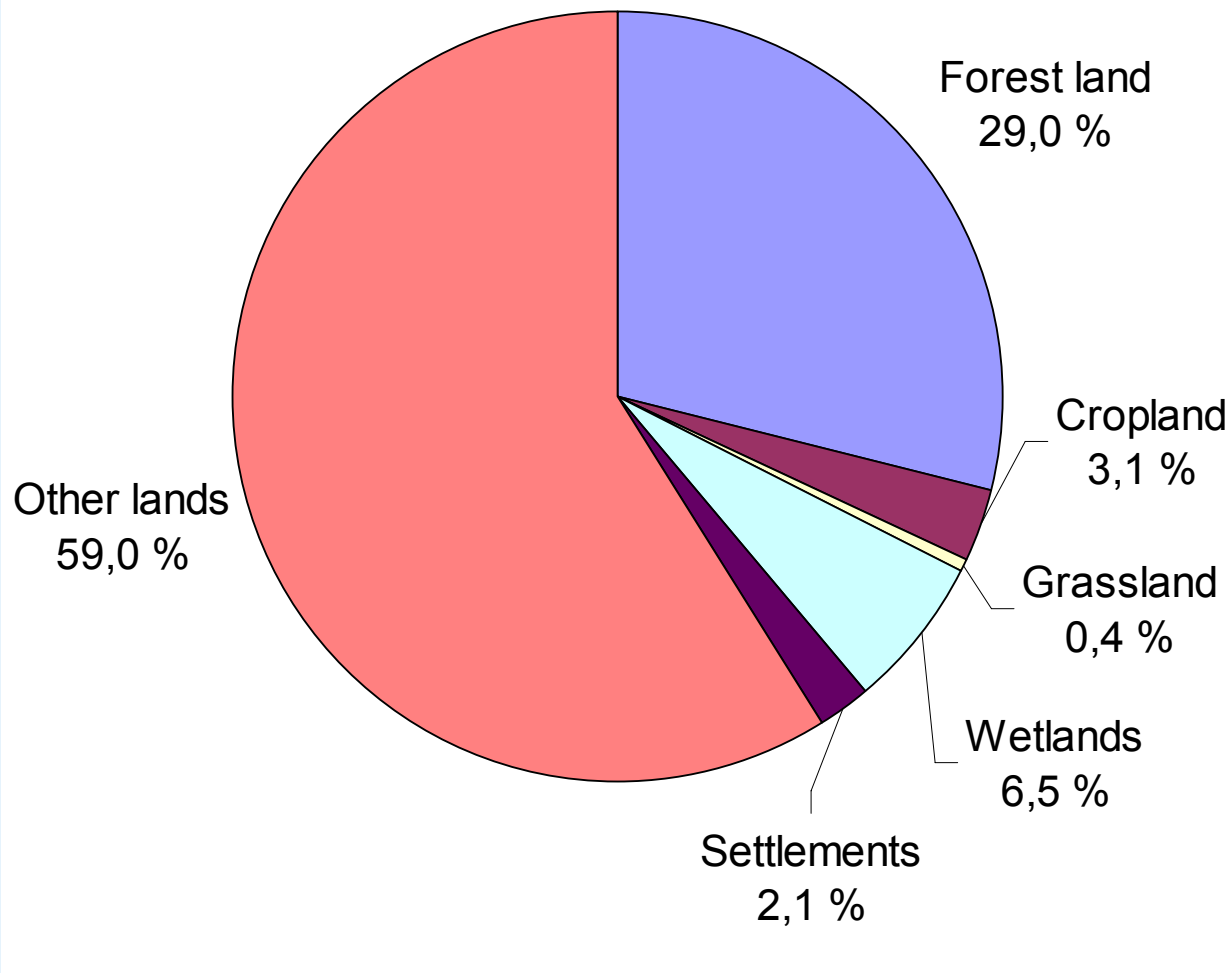


Norway's informal data submission on LULUCF to AWG-KP



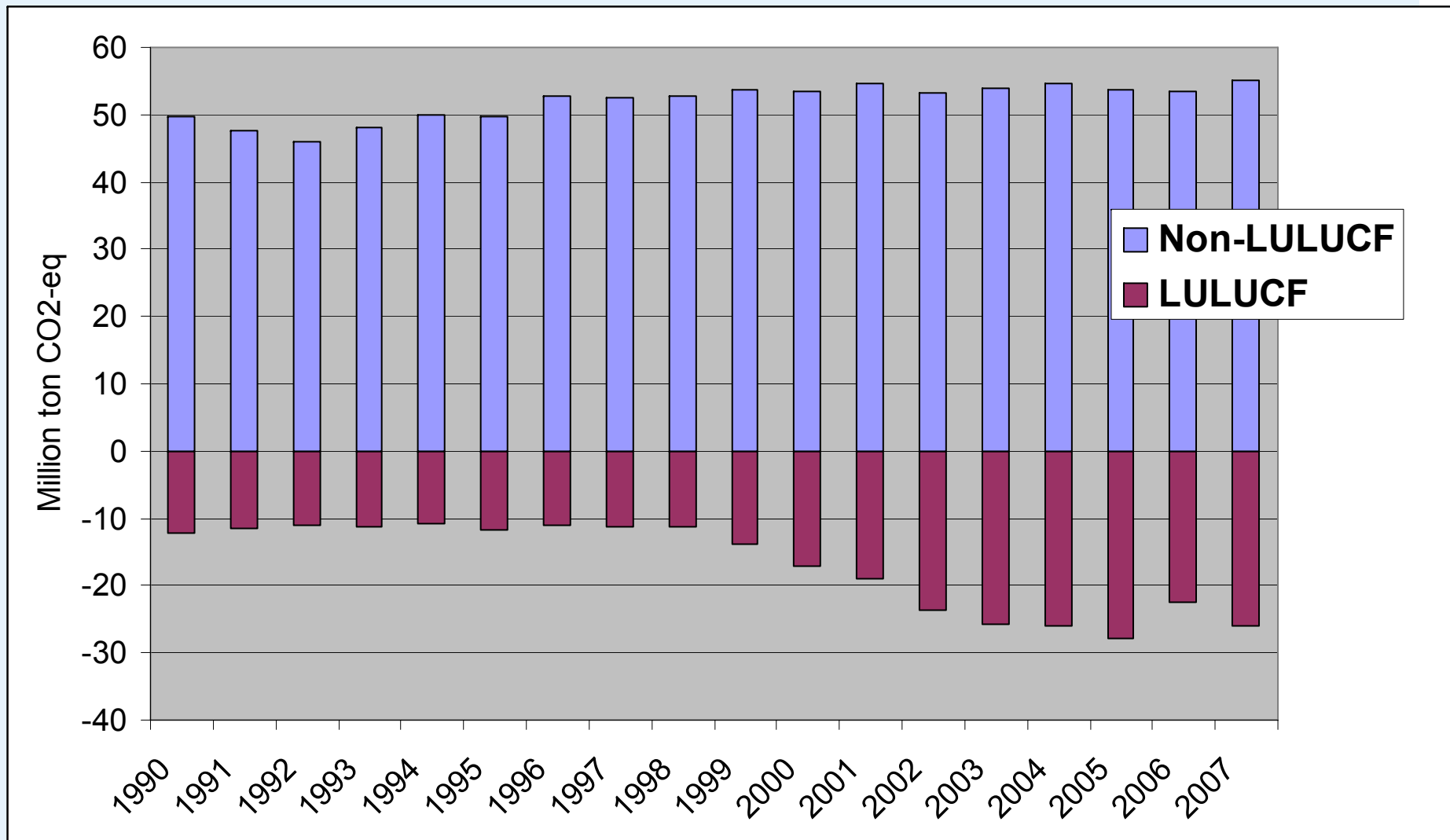
- Land use areas
- Emission and removals from activities under 3.3 and 3.4:
 - Historical
 - Projections
- Land based approach
- Harvested wood products
- Natural disturbance – forest fires
- Effect of different accounting rules for Norway

The Norwegian land area in 2007

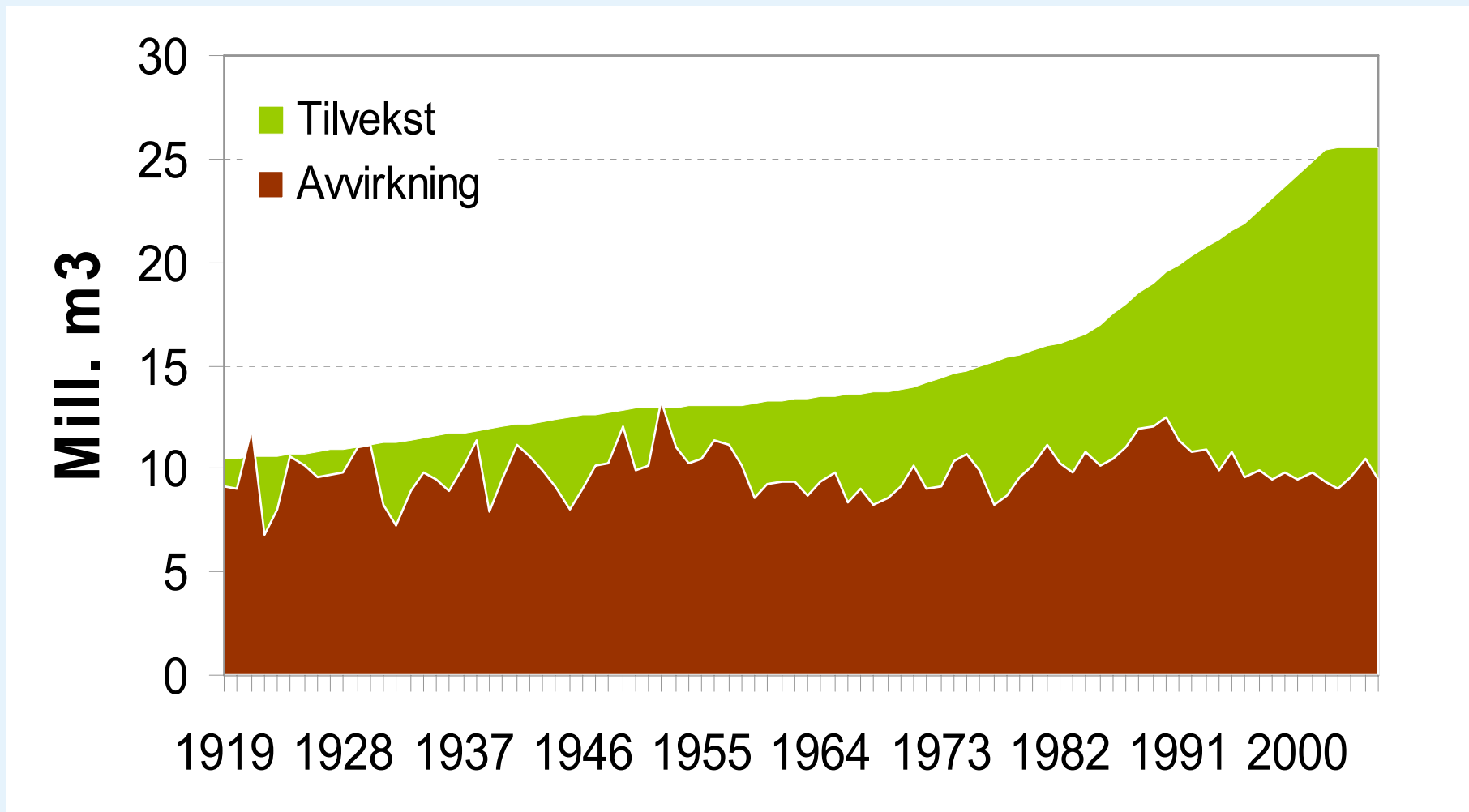


Forest land increased by 4.6% from 1990 to 2007

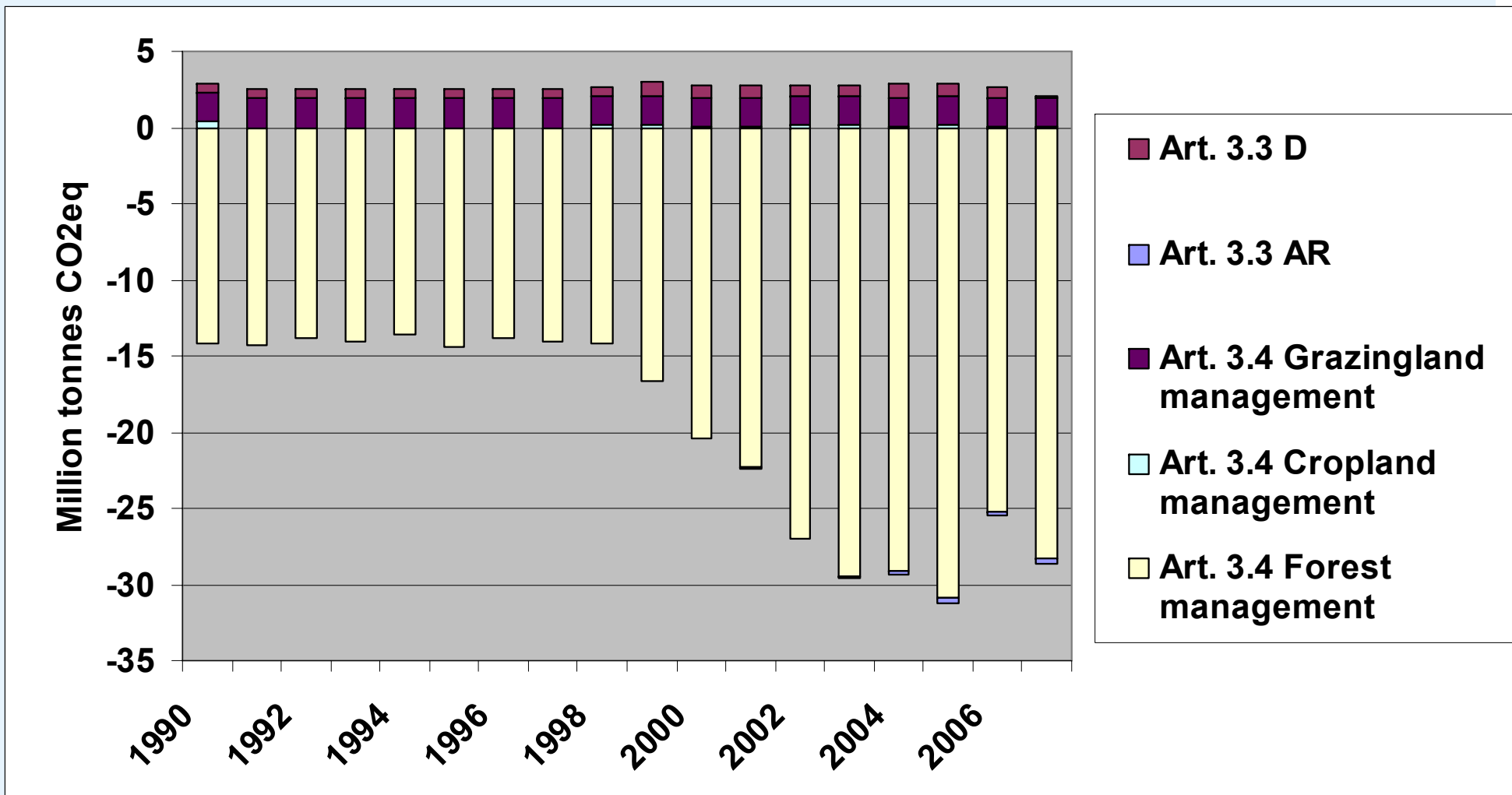
Emissions and removals of GHGs from the LULUCF and non-LULUCF. 1990-2007



Annual increment (green) and annual forest harvest (brown) - 1990-2006



Emission and removals from LULUCF. 1990 to 2007



s ft: Projections forest management

Two scenarios:

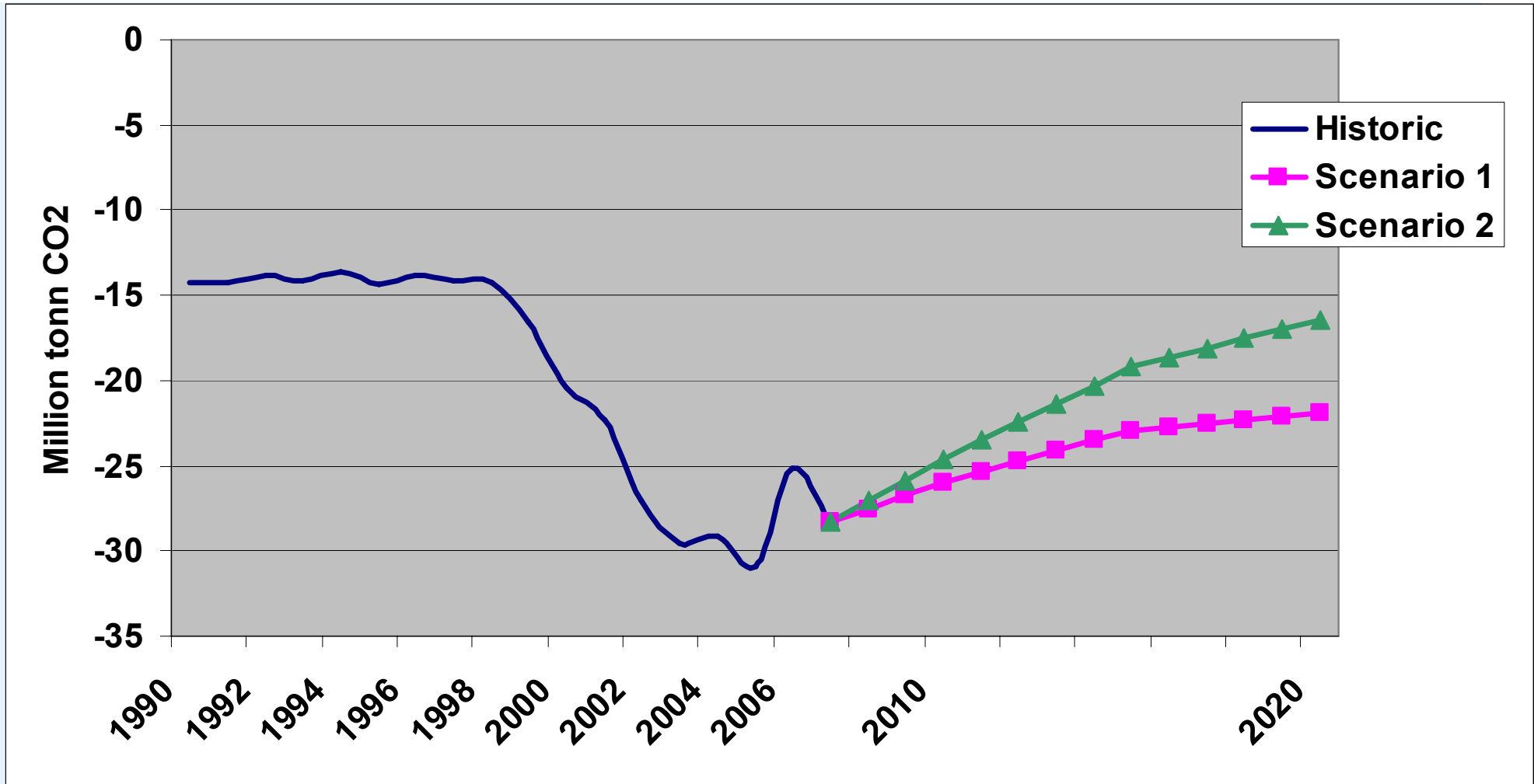
Scenario 1:

**Continuation of present logging rate
(~ 10 million m³)**

Scenario 2:

**Increased logging rate in order to fulfil the
government's goal for increased use of bioenergy
(~ 15 million m³)**

Emission and removals from forest management. Historic and projections



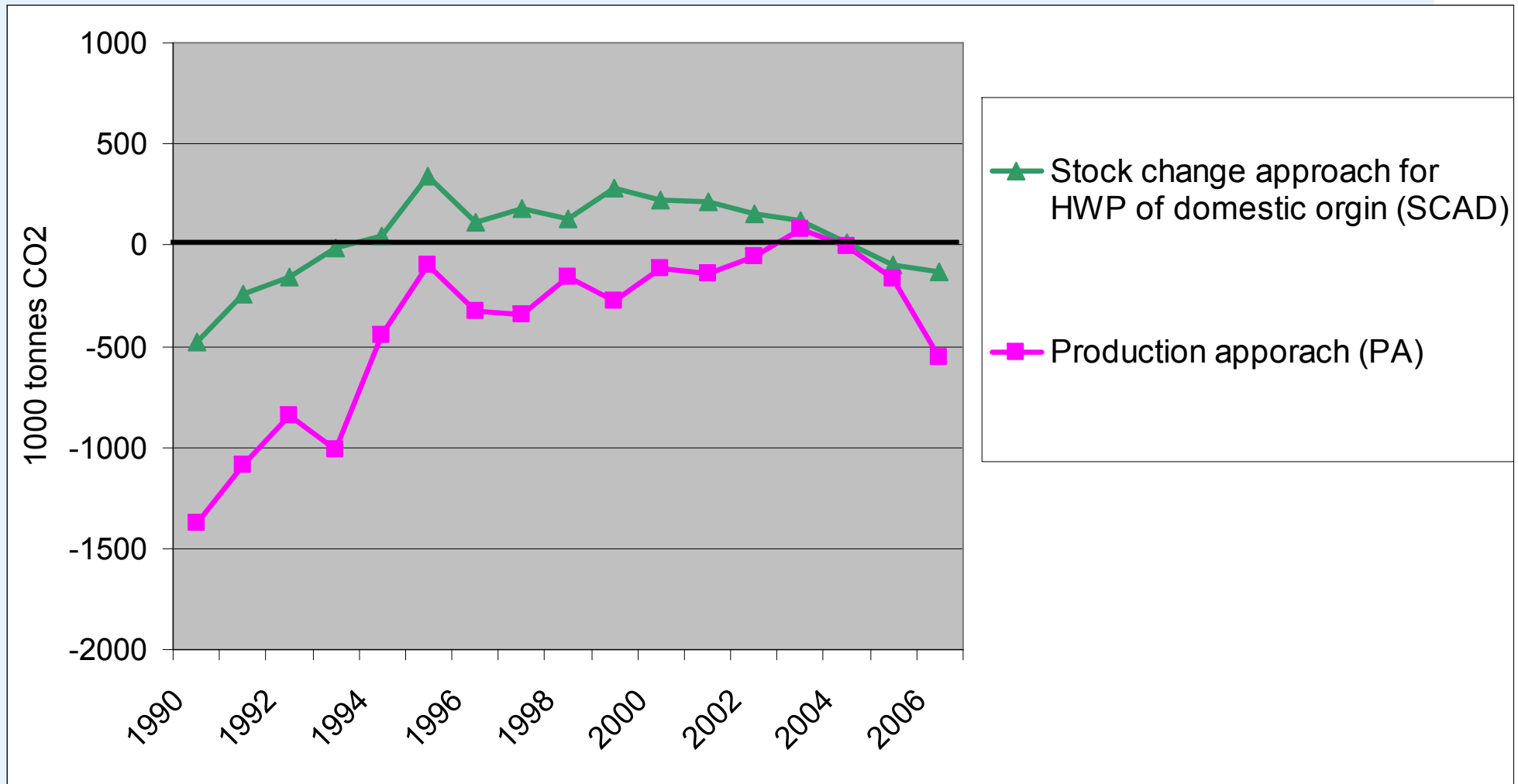
Afforestation and reforestation:

- Mainly conversion of grassland to forest land
- Mainly caused by reduced grazing practice
- Removal post 1990 minor due to long rotation period:
 - ~ 0.4 million ton in 1. CP
 - ~ 0.6 million ton in 2020

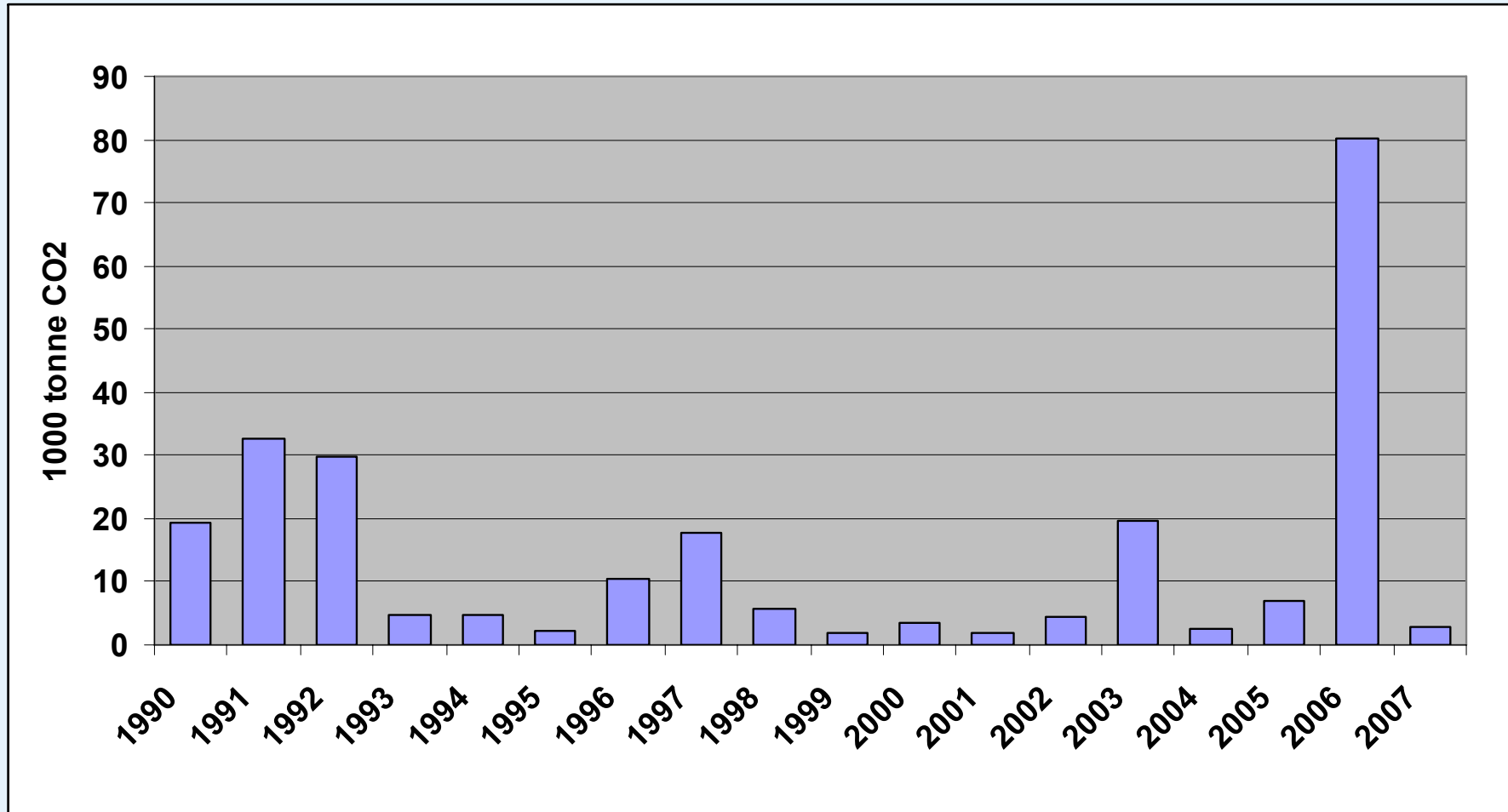
Deforestation:

- Mainly conversion of forest land to infrastructure, settlements and grassland
- Emission from gross deforestation:
 - ~ 0.6 million ton in 1. CP and in 2020

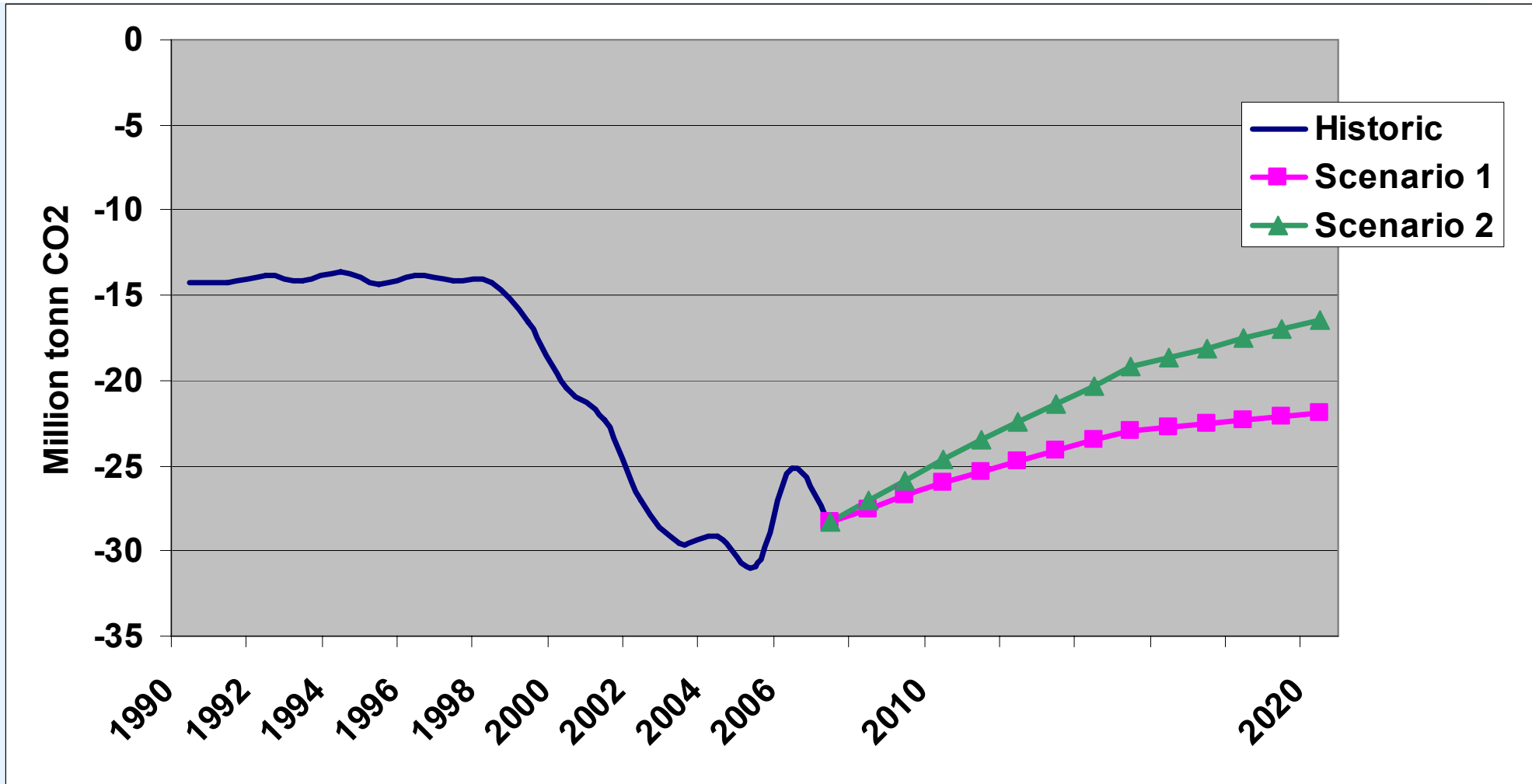
Emission and removals from harvested wood products. 1990-2007



CO₂ emissions from forest fires in Norway. 1990-2007



Emission and removals from forest management. Historic and projections



Effect of different accounting rules for Norway. Unchanged harvest rate in 2020. Per cent.

	Article 3.3	Article 3.4			HWP	
	AR + D	FM	CM	GM	PA	SCAD
Existing rules	0	-3%	-0.4%	0		
Gross-net	0	-44%			-1.2%	-0.2%
Net-net						
• 1990 base year		-15%	-0.4%	0	+1.6%	+0.8%
• 2001-2005 baseline		+12%			-1.2%	-0.4%
• Forward looking baseline		0			0	0



Effect of different accounting rules for Norway. 50% increased harvest rate in 2020. Per cent.

	Article 3.3	Article 3.4			HWP	
	AR + D	FM	CM	GM	PA	SCAD
Existing rules	0	-3%	-0.4%	0		
Gross-net	0	-32%			-3.2%	-2.2%
Net-net						
• 1990 base year		-4%	-0.4%	0	-0.4%	-1.2%
• 2001-2005 baseline		+23%			-3.2%	-2.4%
• Forward looking baseline		0			0	0