

LULUCF in The Netherlands, developments and issues

JRC technical workshop on reporting LULUCF

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Activity data

1990 land use database



2004 land use database



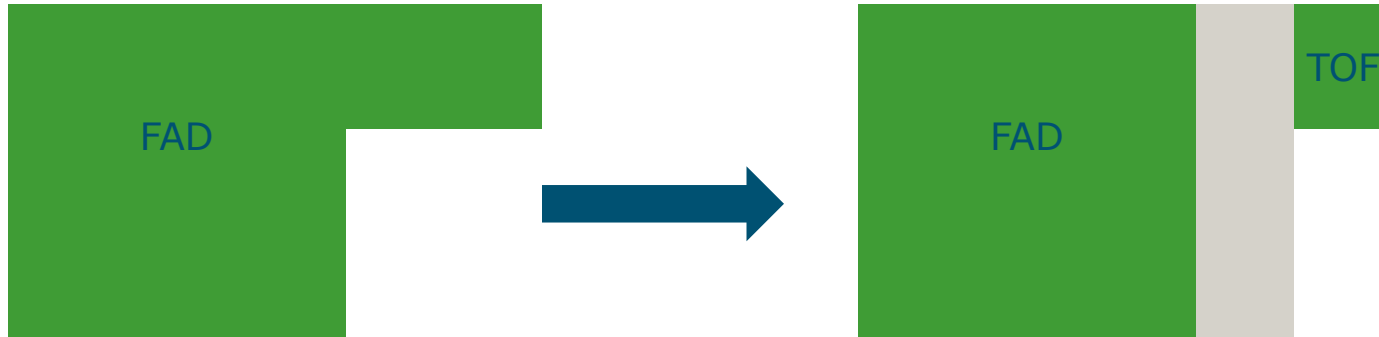
2009 land use database



BN 2009	BN 2004						Total
	Forest land	Cropland	Grassland	Wetland	Settlement	Other land	
Forest land	377,584	2,304	8,827	466	6,155	238	395,573
Cropland	487	813,282	106,547	177	4,367	2	924,863
Grassland	6,417	108,480	1,243,329	9,633	23,123	506	1,391,488
Wetland	829	1,794	10,610	794,785	3,033	890	811,941
Settlement	6,694	13,729	37,705	1,441	529,417	137	589,123
Other land	238	27	1,047	762	237	36,200	38,512
Total	392,248	939,617	1,408,064	807,265	566,332	37,974	4,151,500

Issues with Activity Data

- Between 2004 and 2009 a number of small counterintuitive LU changes, mainly as a result of more detailed 2009 map
- Forest according definition (>0.5 ha) and Trees Outside Forest (<0.5 ha or less 30 m width)



- Uncertainty LU map

Emission factors

- Emissions from mineral soils uncertain, but most likely a small sink. Now conservatively reported as 0. New study will provide more detailed information for different LU types.
- Data from new NFI for 2012 (previous NFI 2000-2005) will become available in 2013 and will be used for end of period reporting.
 - ~3600 plots of which 1000 permanent plots
- Forest model will be replaced by EFISCEN-Space to include FM and HWP (EFISCEN and CO2FIX as back-up)

Thank you!

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