



# Implementation of the new LULUCF Regulation

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**DG CLIMA**

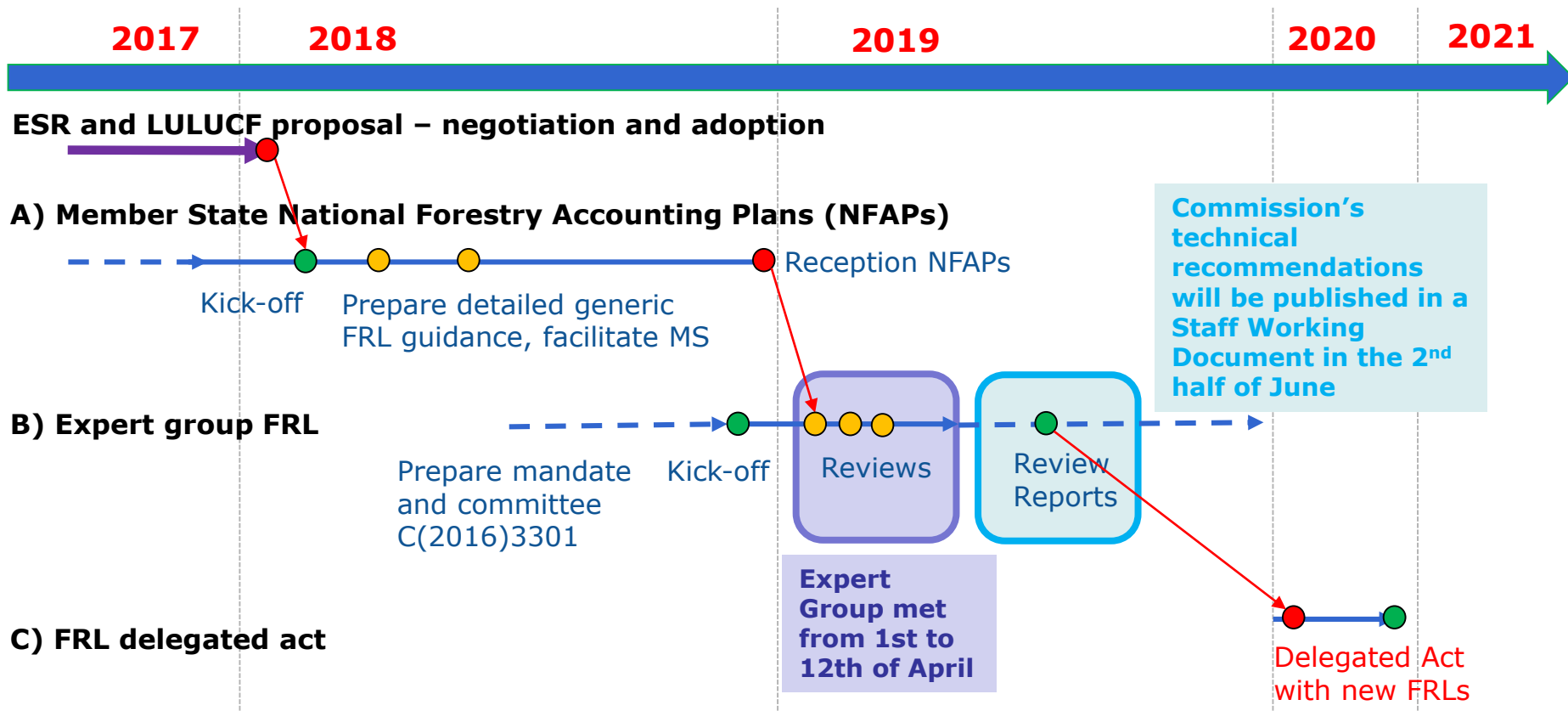
# Outline

- 1. Forest Reference Levels – state of play*
- 2. Work on LULUCF inventories*

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# Forest Reference Levels (FRLs)

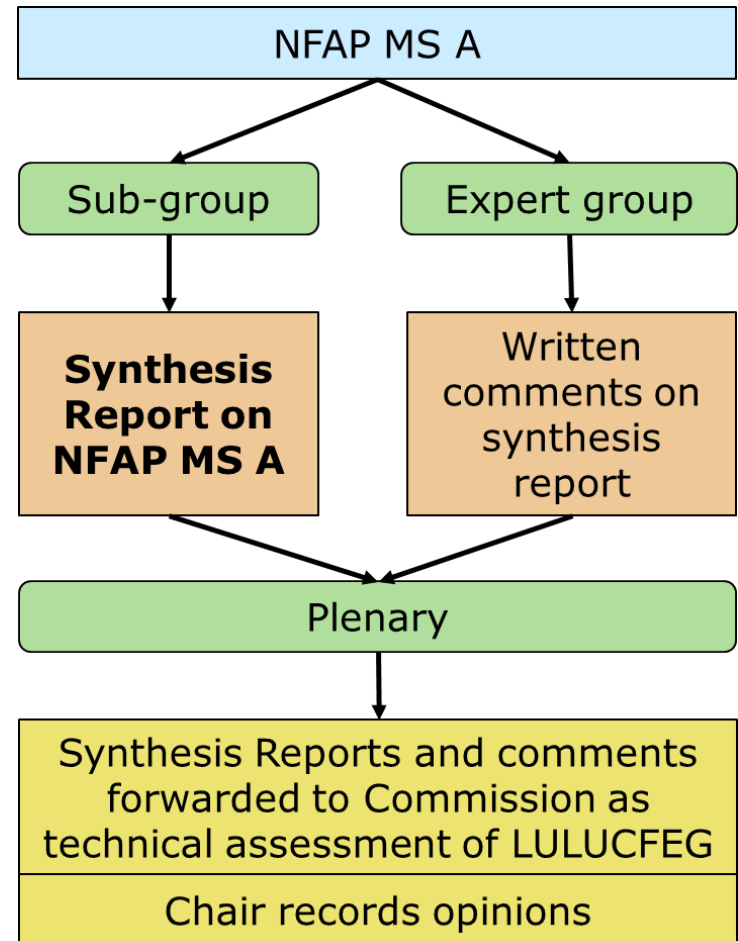


# Expert Group: who?

- *Members of the LULUCFEG*
  - Type A: max 10 individuals appointed in their personal capacity
  - Type C: 5 non-governmental organisations and applied research institutes working in relevant fields
  - Type D: 28 MS competent authorities (can send up to 2 representatives)
  - Type E: 3 other public entities
- *Support*
  - DG CLIMA
  - JRC
  - Contractor
- *Observers*
  - Individuals and organizations upon invitation
  - EC services

# Expert Group: how?

- *5 sub-groups*
- *Each sub-group reviewed 5-6 NFAPs*
- *Outcome: synthesis reports*
- *Other members of the EG could send written comments*
- *A rapporteur presented the synthesis report to the plenary*
- *The plenary adopted the synthesis reports and forwarded them to the Commission*



All synthesis reports and minutes:

<http://ec.europa.eu/transparency/regexpert/index.cfm?do=groupDetail.groupDetail&groupID=3638&news=1>

## *Synthesis reports contain conclusions on:*

- **General principles in art. 8.5**

- Based on the continuation of sustainable forest management practice
- Take account of the future impact of dynamic age-related forest characteristics

- **Criteria in Annex IV.A**

- Balance sources/sink by second-half of the century
- Exclude mere presence of carbon stocks
- Properly account for biomass use
- Include Harvested Wood Products
- Constant ratio between solid and energy use of biomass
- Conservation of biodiversity and sustainable use of natural resources
- Consistent with GHG projections
- Consistent with GHG inventories and TACCC

- **Elements in Annex IV.B**

- Description of how the FRL was determined
- Identification of carbon pools
- Description of approaches, methods, models, practices and policies
- Expected development of harvesting rates
- How these elements were considered: area under forest management, E/R in GHG inventories, forest characteristics and management, harvesting rates

	Principles: Article 8(5)		Criteria: Annex IV part A								Elements: Annex IV Part B							
	para 1	para 2	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(a)	(b)	(c)	(d)	(e) i	(e) ii	(e) iii	(e) iv
AT	X				X					X		X	X					X
BE					X	X		X	X		X	X	X	X	X	X	X	
BG	X		X		X		X		X	X		X						X
CY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CZ					X		X	X	X	X			X	X	X	X		X
DK	X			X	X		X		X	X	X		X	X	X			
EE	X				X		X		X	X		X			X			X
EL	X	X	X		X		X		X	X			X		X	X	X	X
ES					X		X		X			X			X			
FI	X	X	X		X		X	X		X			X		X		X	X
FR					X		X			X		X	X		X	X	X	X
DE	X	X	X			X				X			X		X			
HR										X						X	X	
HU	X	X	X		X	X	X		X			X					X	X
IE			X		X			X	X	X			X	X		X		
IT	X				X			X				X	X			X	X	
LV	X	X			X	X			X	X	X		X		X		X	X
LT					X					X			X				X	X
LU						X	X		X			X	X		X			X
MT																		
NL							X						X				X	X
PL	X	X	X		X		X		X	X			X			X	X	X
PT	X	X	X	X	X		X	X	X	X			X	X		X	X	X
RO																		
SK																		
SI	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X
SE	X		X		X		X	X	X	X	X		X	X	X		X	
UK					X		X			X	X				X			X

X Transparency issue (only)  
 Accuracy issue

X Transparency and accuracy issue  
 not submitted



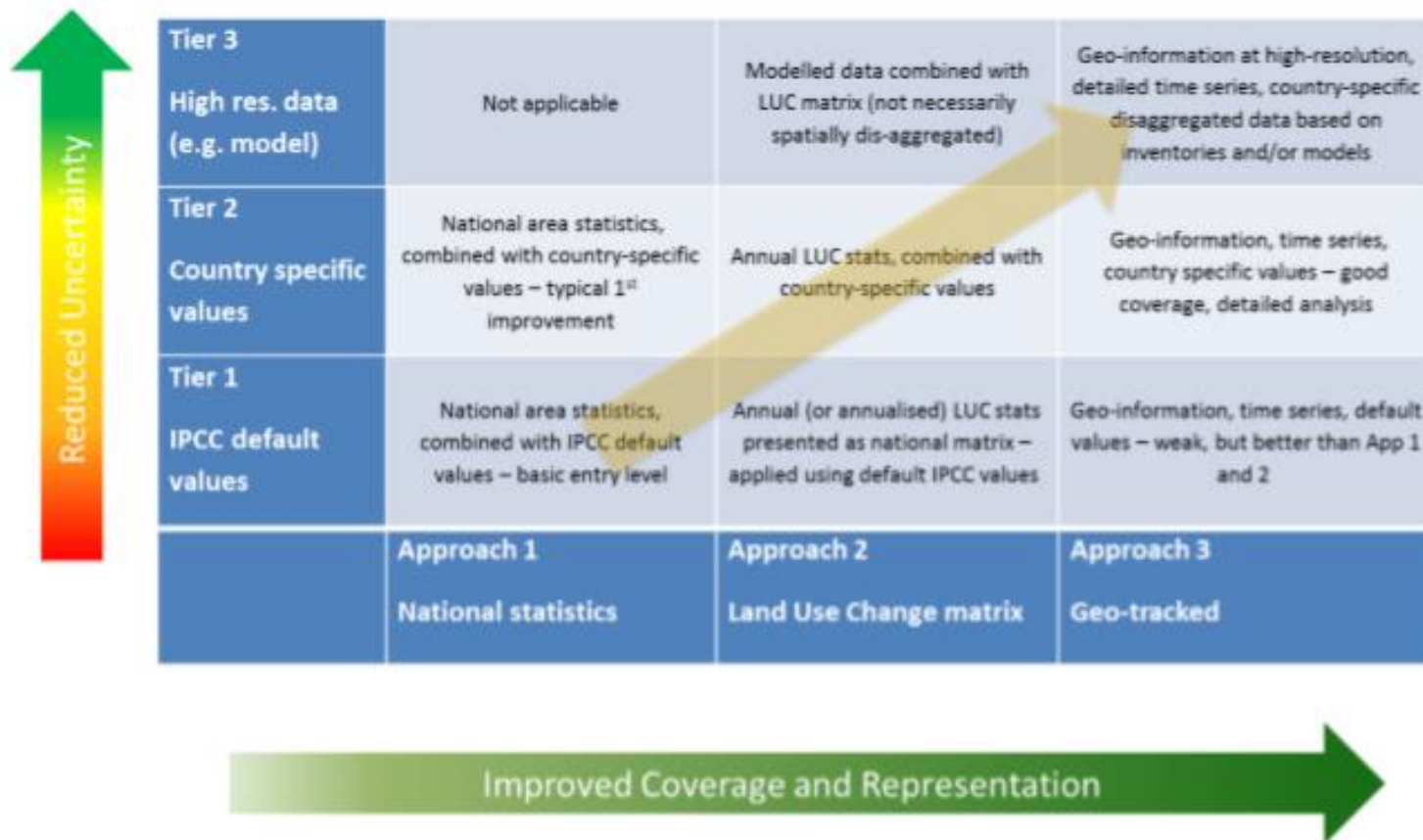
## Next steps

- End of June 2019: *Staff Working Document with technical recommendations*  
(packaged with recommendations on National Energy and Climate Plans)
- July-September 2019: *bilateral meetings (video-conference) to discuss/clarify recommendations*
- 31 December 2019: *deadline for submission of the revised NFAP*
- Spring 2020: *Commission assesses the revised NFAPs*
- October 2020: *Commission adopts a Delegated Act with the Forest Reference Levels*

# Outline

- 1. Forest Reference Levels – state of play*
- 2. Work on LULUCF inventories*

# Improvement of LULUCF inventories: monitoring requirements



# Improvement of LULUCF inventories: monitoring requirements

## *Art. 18:*

- *Approach 3: Geographically-explicit land-use conversion data in accordance with the 2006 IPCC Guidelines for National Greenhouse Gas Inventories*
- *At least Tier 2 methodologies for significant carbon pools*
- *Encouragement to use Tier 3 methodologies*

## *Art. 11(2):*

*if a MS is not in compliance with these monitoring requirements, no access to flexibilities! (trading, banking, forest flexibility)*

MS	Carbon pools in Forest land reporting categories					GHGs in FL-FL		
	4.A.1. FL-FL					CO2	CH4	N2O
	LB (both)	DW	LT	SOCmin	SOCorg			
AUT	R	R	IE	E		X	X	X
BEL	R			R		X		
BGR	R	R	R	E		X	X	X
HRV	R					X	X	X
CYP	E			E		X	X	X
CZE	R					X	X	X
DNM	R	E	E		E	X		IE
EST	R	R		R	E	X	X	X
FIN	R	IE	IE	R	E	X	X	X
FRA	R	E				X	X	X
DEU	R	E	E	R	E	X	X	X
GRC	R					X	X	X
HUN	R				E	X	X	X
IRL	E	IE	R		E	X	X	X
ITA	R	R	R			X	X	X
LVA	R	R			E	X	X	X
LTU	R	R			IE	X	X	X
LUX	R					X		
MLT								
NDL	R	R				X	X	X
POL	R			R	E	X	X	X
PRT	R	IE	E	R		X	X	X
ROU	R	R	R		R	X	X	X
SVK	R					X	X	X
SLV	R	E				X	X	X
ESP	R					X	X	X
SWE	R	R	E	R	E	X	X	X
UK	R	IE	R	R	R	X	X	X

For C pools:	
FRL	= Reported in the NFAP, excluding Tier 1 approach for DW, LT and SOCmin
GHGI 2018	E = Emissions
	R = Removals
	IE = Included Elsewhere
	Note that DW, LT and SOCmin are assumed in equilibrium (non C stock change) with IPCC Tier 1.
	Empty cells for SOCorg denote "not occurring"
For GHGs:	
FRL	= Reported in the NFAP. Non-coloured cells mean that no explicit mention to non-CO2 gas is made, although non-CO2 might be implicitly included (e.g. if CO2-equivalent is used).
GHGI 2018	X = Reported
	Empty cells may refer to the (rare) case of no forest fires in a country.

# Supporting GHGI improvements in MS on a bilateral basis

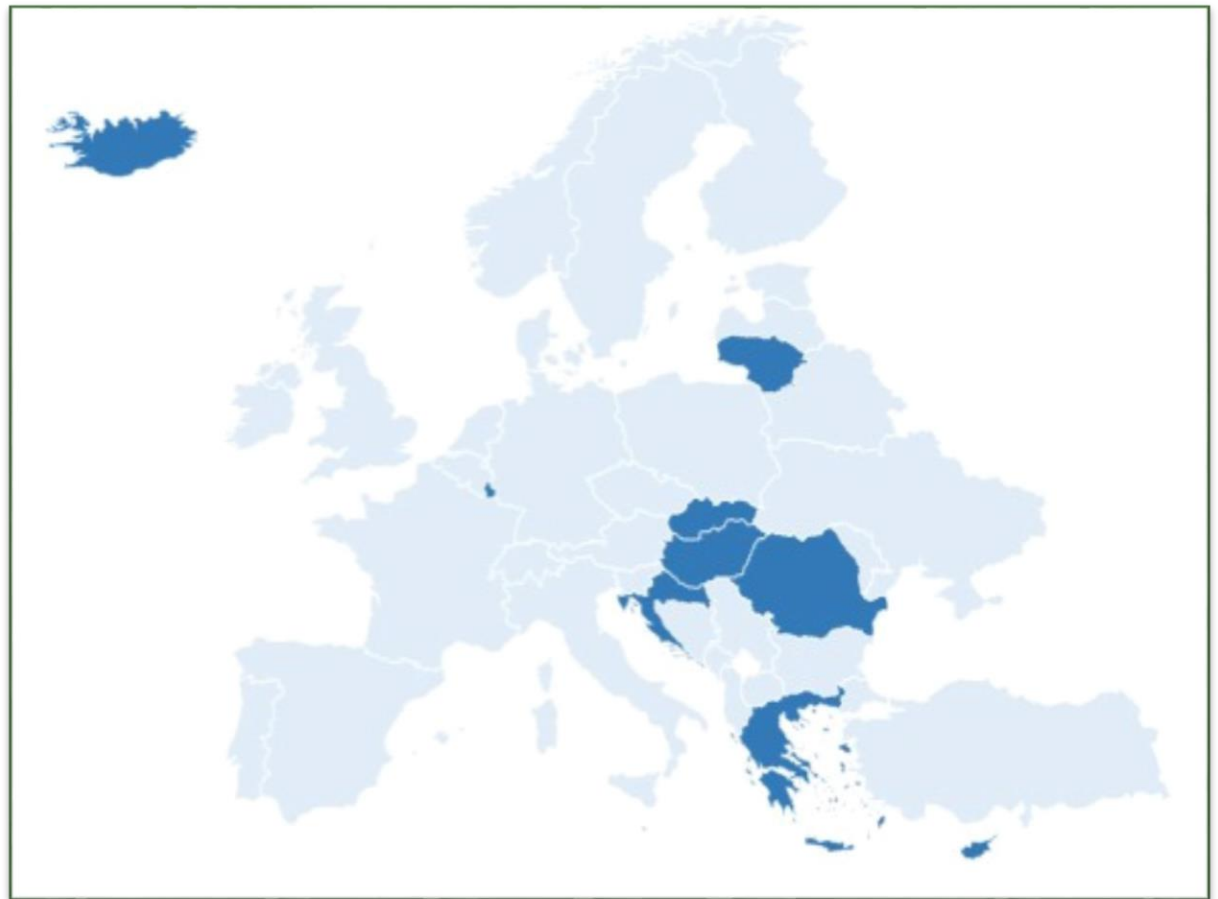
*"Support for capacity building in Member States to implement Forest Reference Levels and improvements of greenhouse gas inventories, as requested by the LULUCF Regulation"*

*Two tasks:*

- 1. Bilateral support to the establishment of Forest Reference Levels (2<sup>nd</sup> half 2018)*
- 2. Assistance to the improvement of land-based reporting in the LULUCF greenhouse gas inventory to the same countries (2019).*

# Geographical scope:

- *Luxembourg*
- *Lithuania*
- *Croatia*
- *Slovakia*
- *Hungary*
- *Romania*
- *Greece*
- *Malta*
- *Cyprus*
- *Iceland*
- *(Czechia)*
- *(Bulgaria)*





European  
Commission

The Commission

DG CLIMA

Project Management

Ravi Kantamaneni (Director & Q/A, ICF)  
James Gardiner (Manager, ICF)

Task Leader

Task 1 - Bilateral Support to Member States on the Establishment of FRLs

Fulvio Di Fulvio (IIASA)

Task Leader

Task 2 - Assistance to the improvement of land-based reporting in the LULUCF GHG inventory

Beatriz Sanchez (Aether)

Task 1 Regional Leaders

- Mykola Gusti\* (Eastern Europe, IIASA)
- Fulvio Di Fulvio\* (Mediterranean, IIASA)
- Kevin Black\* (Other, Aether)

Task 2 Regional Leaders

- Mykola Gusti\* (Eastern Europe, IIASA)
- Fulvio Di Fulvio\* (Mediterranean, IIASA)
- Kevin Black (Other, Aether)

Task 2 GIS expert

- Miguel Villoslada (Aether)

Task 1 Country visits team

- Zoltán Somogyi (Aether)
- Hans Verkerk (IIASA)

\* Regional leaders will also perform Task 1 country visits

Task 2 Country visits

- Beatriz Sanchez (Aether)
- Juan Jose Rincon (Aether)
- Zoltán Somogyi (Aether)
- Iordanis Tzamtzis (Aether)
- Viorel Blujdea (Aether)

\* Regional leaders will also perform Task 1 country visits

**Actors:**

- **ICF, Aether, IIASA**

- **DG Clima, JRC**

- **Member States**

# Team



# Save the Date!

*Next meeting of the Working Group V:*

***1st October 2019***

*Topic: LULUCF monitoring requirements*

- *Filling the gaps*
- *Sharing best practices*