FORESTE DI VALLE CAMONICA E MITIGAZIONE DEL CAMBIAMENTO CLIMATICO: STOCCAGGIO DI CARBONIO, PRODOTTI LEGNOSI E PRODUZIONE DI ENERGIA

LA NUOVA STRATEGIA FORESTALE EUROPEA: OPPORTUNITÀ E SFIDE PER IL SETTORE FORESTA-LEGNO

Edolo (BS), 19 Novembre 2021

Roberto Pilli
roberto.pilli713@gmail.com

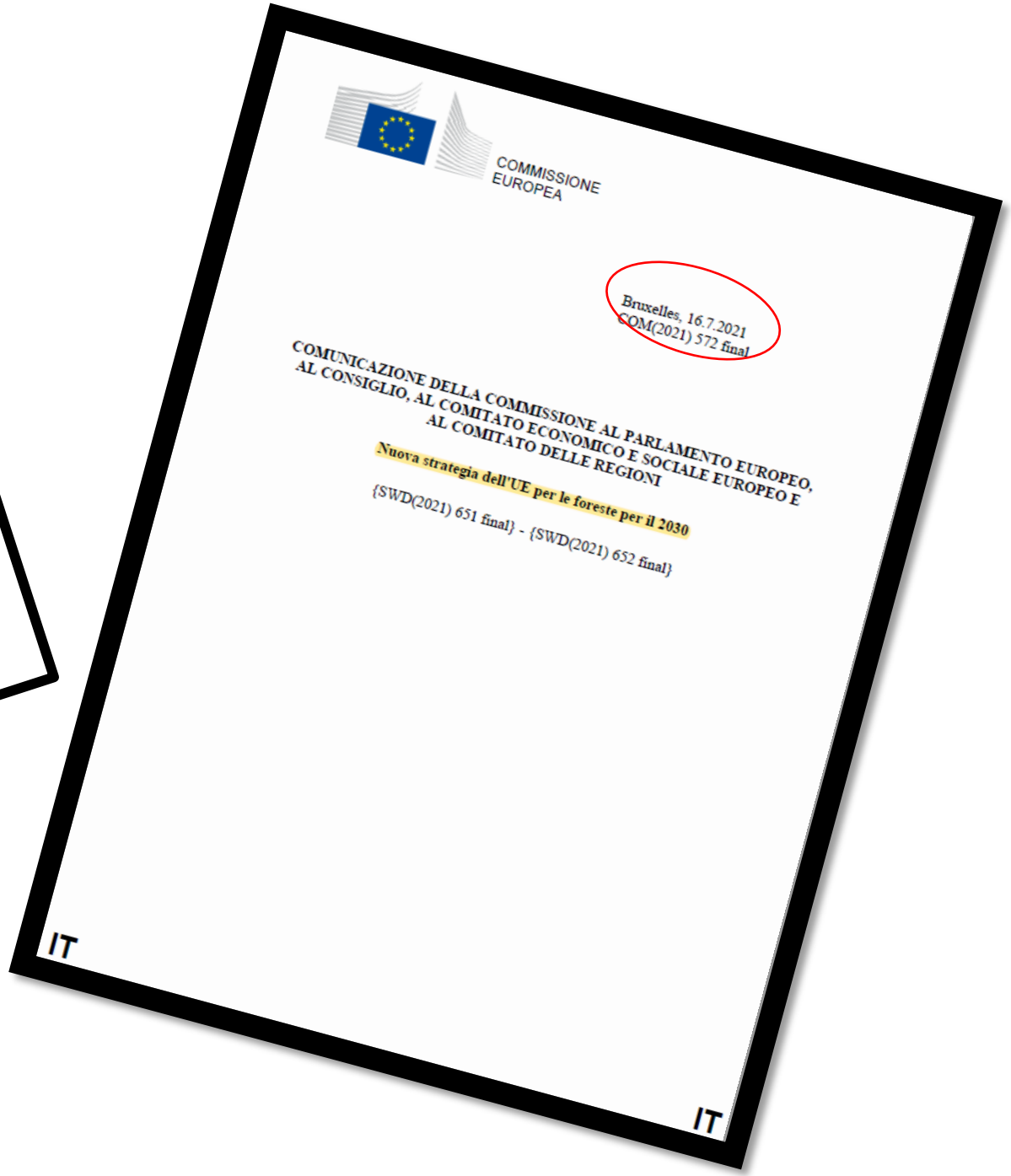
La nuova Strategia Forestale Europea …

1998-2020: **Prima EU FOREST STRATEGY:**

- Gestione Forestale Sostenibile (GFS)
- Multifunzionalità delle foreste

2013: **Seconda EU FOREST STRATEGY:**

- Utilizzo a cascata delle risorse legnose
- Utilizzo biomasse legnose per fini energetici
- Funzione carbo-ritenzione svolta dalle foreste



COMMISSIONE EUROPEA

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COM(2021) 572 final

COMUNICAZIONE DELLA COMMISSIONE AL PARLAMENTO EUROPEO, AL CONSIGLIO, AL COMITATO ECONOMICO E SOCIALE EUROPEO E AL COMITATO DELLE REGIONI

Nuova strategia dell'UE per le foreste per il 2030

{SWD(2021) 651 final} - {SWD(2021) 652 final}

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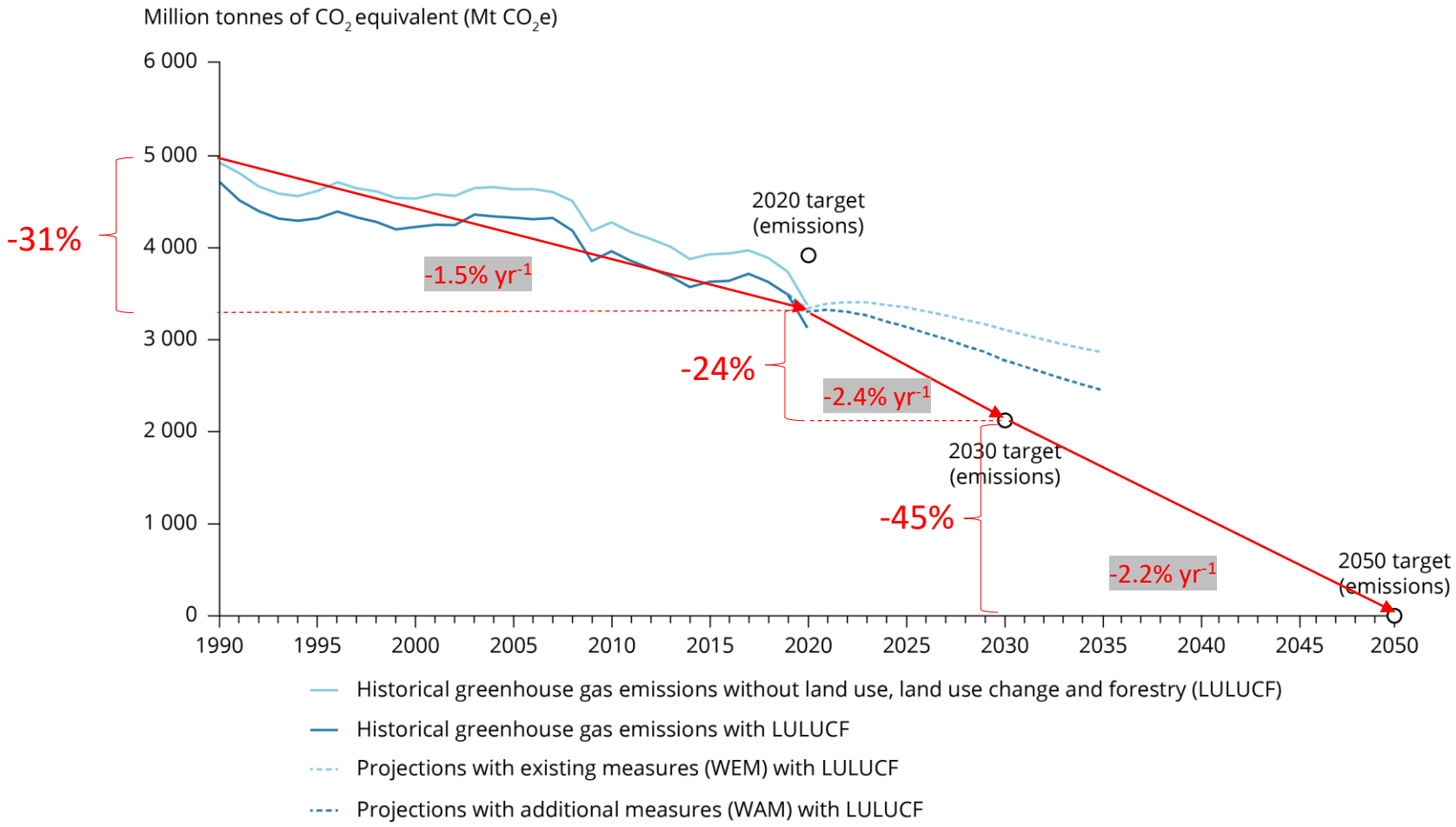
https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52021DC0572

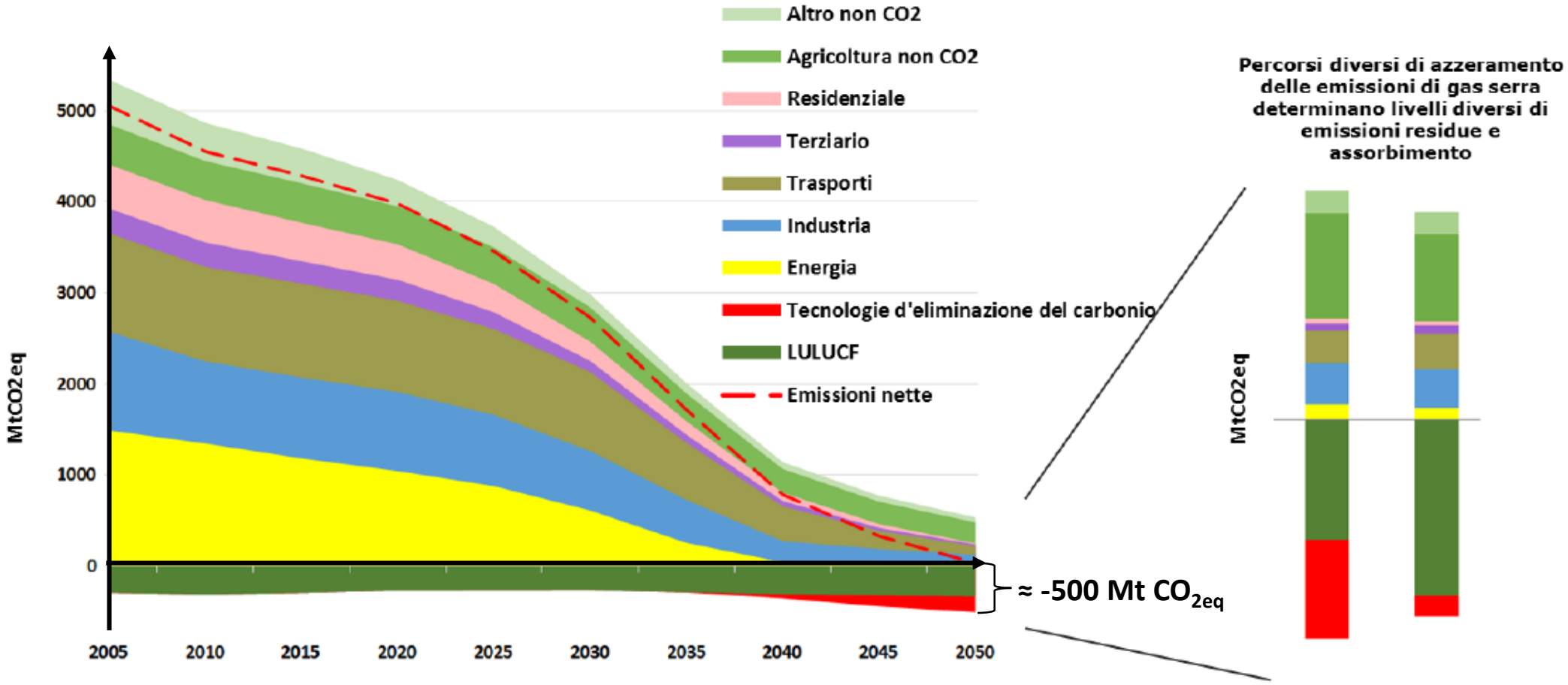
Perché una nuova Strategia Forestale Europea ?

14 Luglio 2021: la Commissione Europea, nell'ambito del c.d. *European Green Deal,* ha adottato il pacchetto climatico ***Fit for 55*** - «**Pronti per il 55%»** - che contiene una serie di proposte legislative per raggiungere entro il 2030 una riduzione delle emissioni di gas serra del 55% rispetto ai livelli del 1990, con l'obiettivo di arrivare alla neutralità climatica nel 2050.



Source: European Commission, European Environment Agency (EEA) https://www.eea.europa.eu/legal/copyright).

Come raggiungere la Neutralità Climatica?



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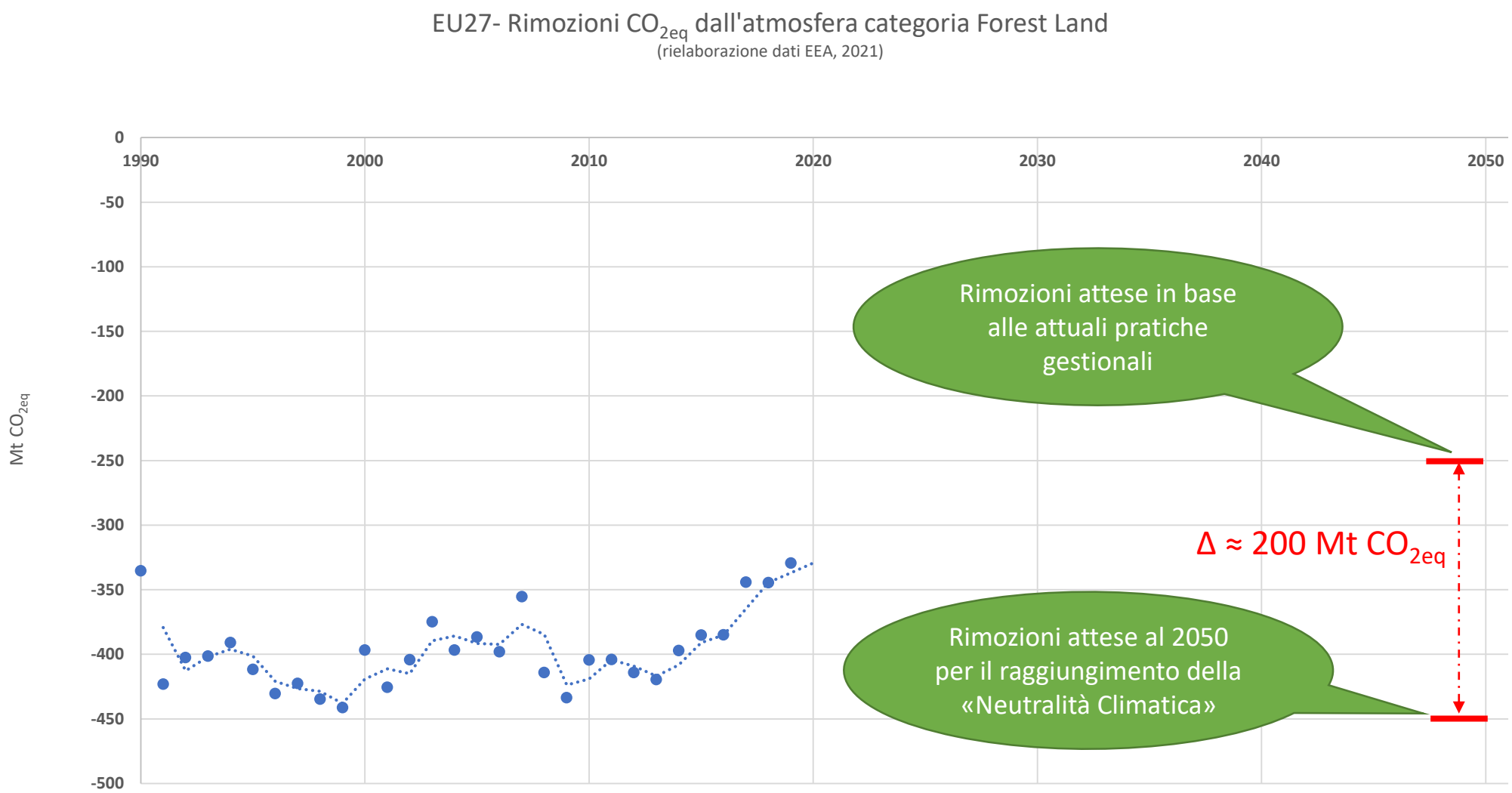
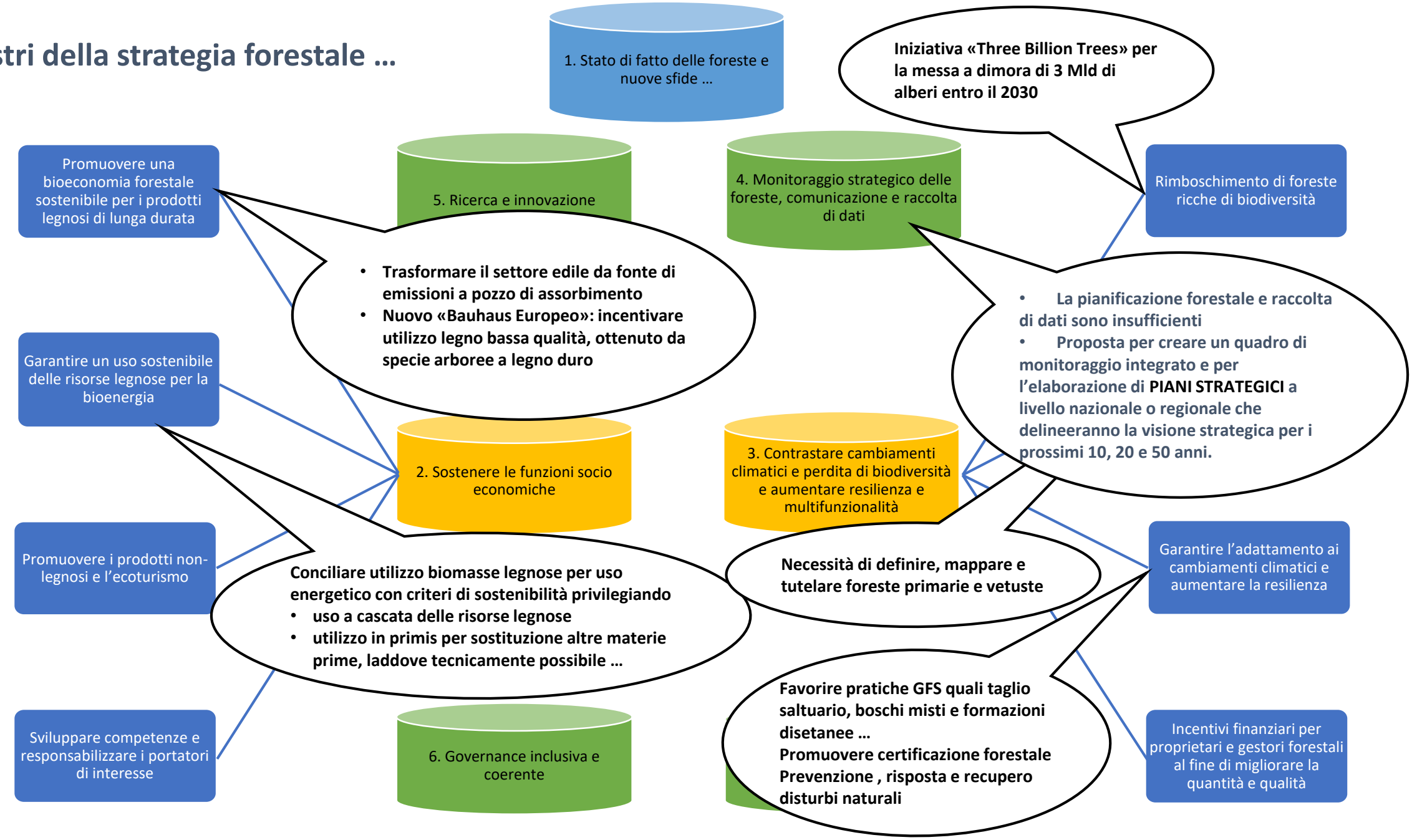
Il ruolo delle foreste …



https://www.eea.europa.eu/data-and-maps/data/data-viewers/greenhouse-gases-viewer

I pilastri della strategia forestale …



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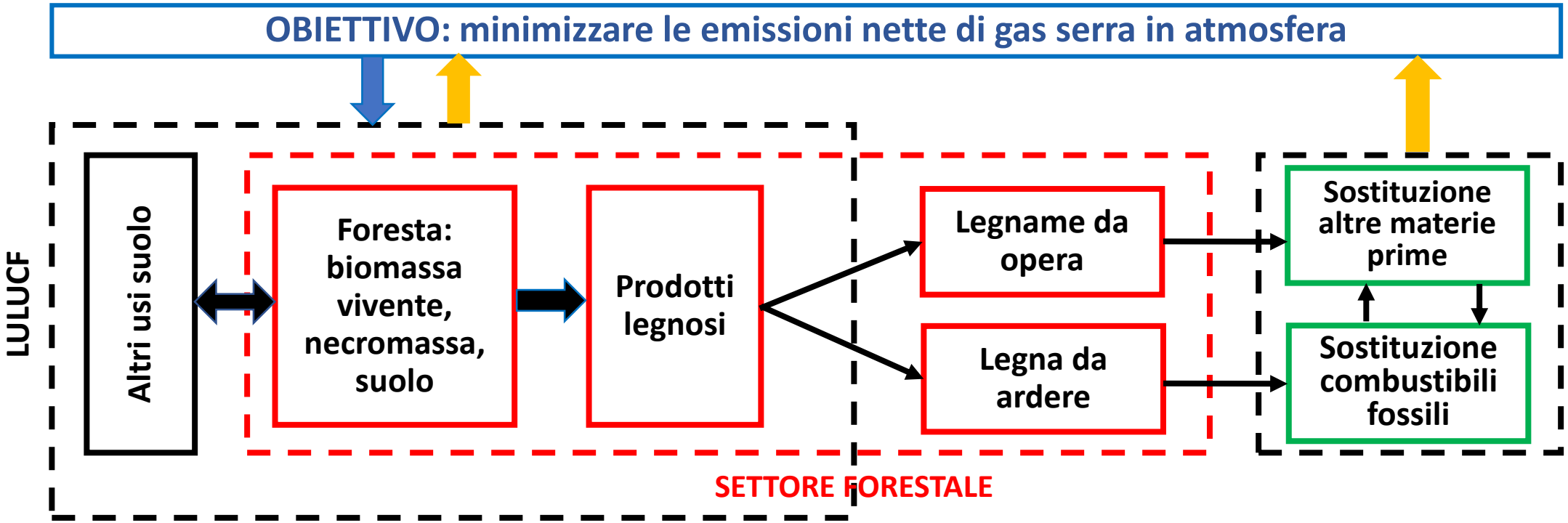
Una strategia di filiera …



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Luci e … ombre!

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The EU climate package "Fit for 55" - a double-edged sword for Europeans and their forests and timber industry

Michael Köhl [a,*], Stefanie Linser [b], Kit Prins [c], Andrzej Talarczyk [d]

suggests that the EU could improve its holistic view of the forest and timber sector - the measures presented are largely characterized by an ecological perspective and disregard the fact that forests fulfil important social (e.g. recreation, wellbeing, health, rural development) and economic functions (e.g. employment, revenue) and, particularly with regard to climate neutrality, must always be seen in connection with the use of timber as a renewable raw material. In political discussions,

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The New EU Forest Strategy for 2030

Position of European Forest Owners and Managers

4 October 2021

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Forest Policy and Economics

journal homepage: www.elsevier.com/locate/forpol

The art of the "green" deal: Policy pathways for the EU Forest Strategy

Filip Aggestam [a,*], Alexandru Giurca [b]

reviewing the Green Deal and a series of different statements put out by representative organisations; we also draw some important insights from previous scientific work on the preceding Strategies. We find that the Green Deal hardly gives any consideration to the multiple benefits forests provide to society and how the forest-based sector could contribute to the Green Deal. The scientific literature provides several potential policy pathways related to coordinating policy objectives, forest governance, cost impacts, data accessibility, harmonisation, knowledge production and communication. However, given the current narratives around forests in the Green Deal, many of the problems that have been articulated by forest policy researchers over the last 20 to 30 years, such as lack of coordination and integration remain the same. We end by discussing potential pathways to overcome these challenges which ultimately may deliver the long-awaited common strategic vison on forests.

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Yousefpour, R., C. Temperli, J. B. Jacobsen, B. J. Thorsen, H. Meilby, M. J. Lexer, M. Lindner, H. Bugmann, J. G. Borges, J. H. N. Palma, D. Ray, N. E. Zimmermann, S. Delzon, A. Kremer, K. Kramer, C. P. O. Reyer, P. Lasch-Born, J. Garcia-Gonzalo, and M. Hanewinkel. 2017. A framework for modeling adaptive forest management and decision making under climate change. *Ecology and Society* 22(4):40. https://doi.org/10.5751/ES-09614-220440

Synthesis

A framework for modeling adaptive forest management and decision making under climate change

Rasoul Yousefpour [1], Christian Temperli [2,3], Jette Bredahl Jacobsen [4], Bo Jellesmark Thorsen [4], Henrik Meilby [5], Manfred J. Lexer [6], Marcus Lindner [7], Harald Bugmann [2], Jose G. Borges [8], João H. N. Palma [8], Duncan Ray [9], Niklaus E. Zimmermann [2,3], Sylvain Delzon [10], Antoine Kremer [10], Koen Kramer [11,12], Christopher P. O. Reyer [13], Petra Lasch-Born [13], Jordi Garcia-Gonzalo [8,14] and Marc Hanewinkel [1]

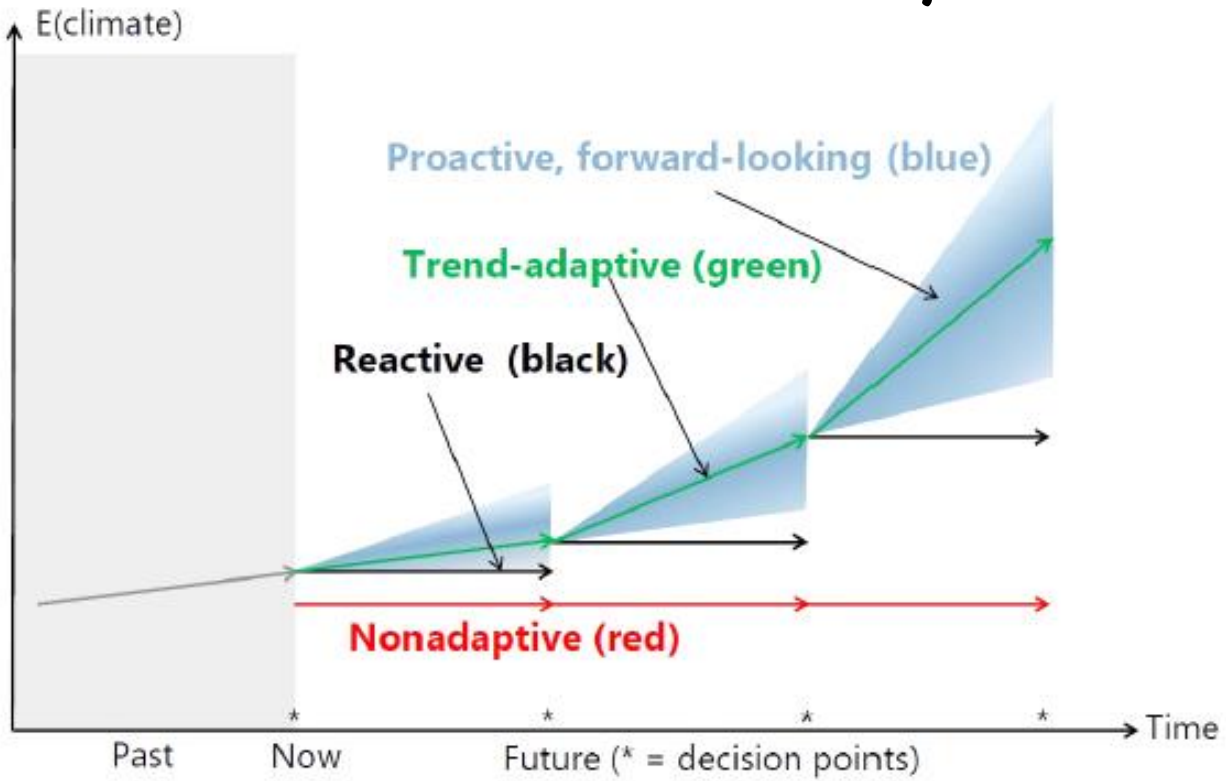
Le nuove sfide gestionali …

Approccio non-adattativo: i trattamenti passati proseguono sino a quando ritenuti idonei …

Approccio reattivo: la gestione si adatta ai cambiamenti climatici osservati nel recente passato

Approccio adattativo: la gestione si adatta ai cambiamenti climatici previsti

Approccio pro-attivo: la gestione cerca di prevedere i possibili effetti dei cambiamenti climatici e di reagire attraverso una serie di possibili opzioni gestionali …



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