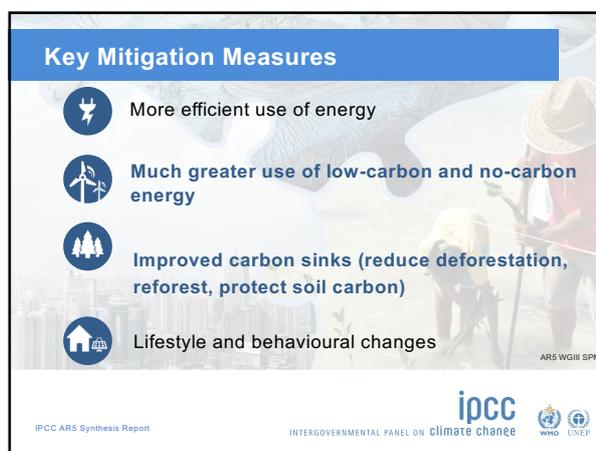
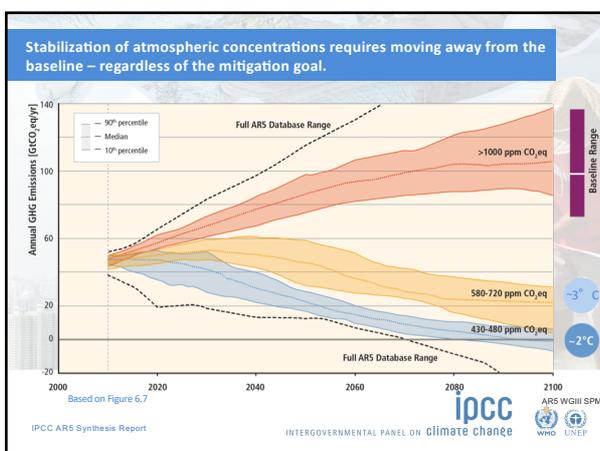
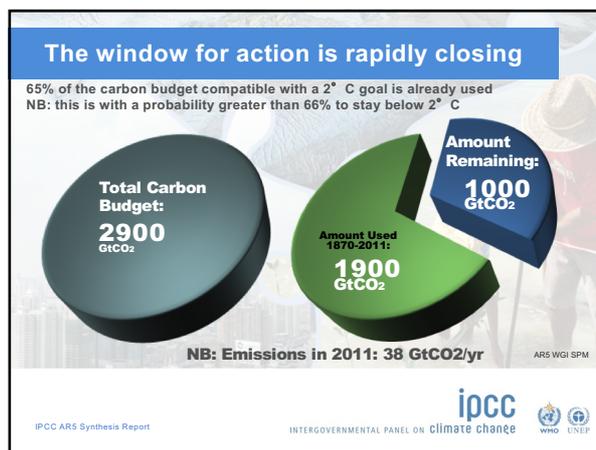
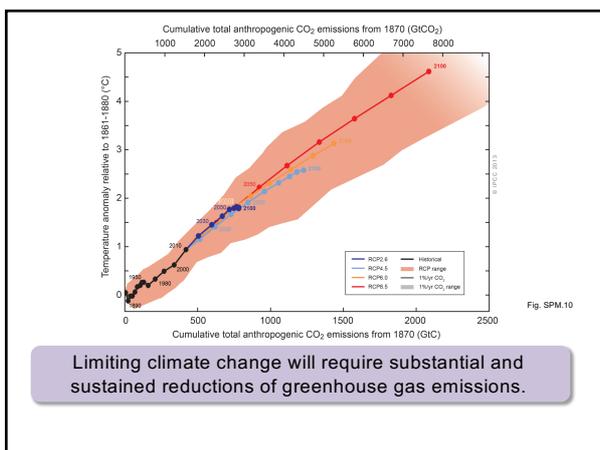
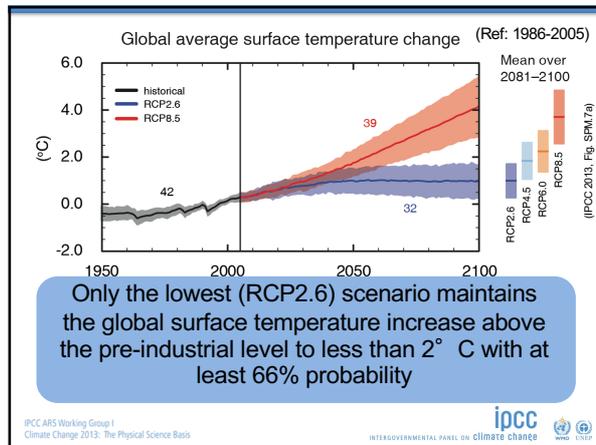


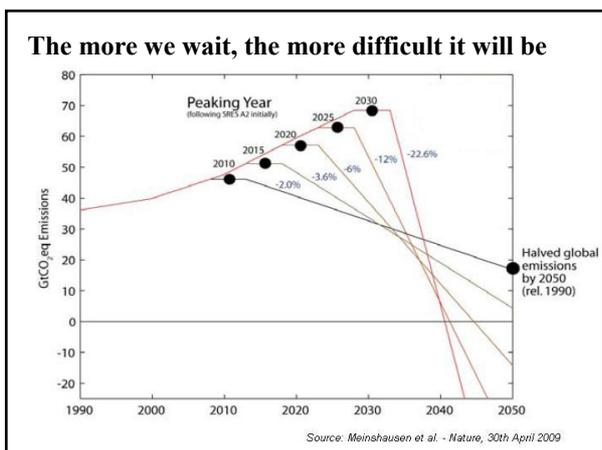
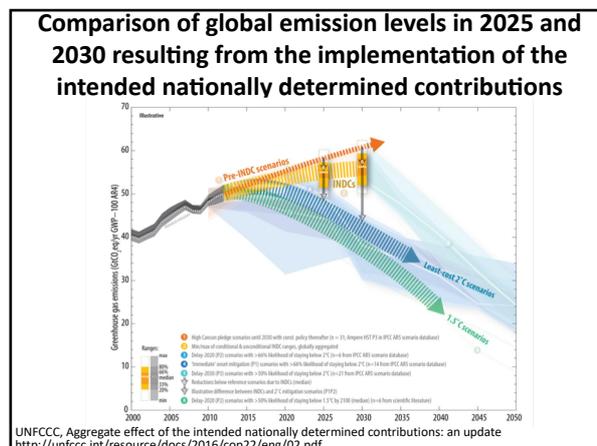
### The Urgency of Additional European Leadership about Climate Change

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 Former IPCC Vice-Chair, Professor of climate sciences at UCLouvain (Belgium)  
 Twitter: @JPvanYpersele  
 European Alliance to Save Energy, Brussels, 18-9-2018

Thanks to the Walloon government (funding the Walloon Platform for IPCC, see [www.pplateforme-walloonne-giec.be](http://www.pplateforme-walloonne-giec.be)) for its support



- **Substantial reductions in emissions to stay under 2° C would require large changes in investment patterns e.g., from 2010 to 2029, in billions US dollars/year:** (mean numbers rounded, IPCC AR5 WGIII Fig SPM 9)
- **energy efficiency:** +330
- **renewables:** + 90
- **power plants w/ CCS:** + 40
- **nuclear:** + 40
- **power plants w/o CCS:** - 60
- **fossil fuel extraction:** - 120



**Pour en savoir plus:**

**Publié chez De Boeck supérieur,**

Entretien avec Thierry Libaert, avec le concours de Philippe Lamotte  
Préface de Yann Arthus-Bertrand  
Postface de Brice Lalonde

**Bij EPO (2018)**

**Voorwoord: Jill Peeters**

Jean-Pascal van Ypersele  
met medewerking van Thierry Libaert, en Philippe Lamotte

In het Oog van de klimaat-storm

**Pour en savoir plus :**

- [www.ipcc.ch](http://www.ipcc.ch) : GIEC ou IPCC
- [www.climate.be/vanyp](http://www.climate.be/vanyp) : beaucoup de mes dias
- [www.plateforme-wallonne-giec.be](http://www.plateforme-wallonne-giec.be) : Plateforme wallonne pour le GIEC (e.a., Lettre d'information)
- [www.my2050.be](http://www.my2050.be) : calculateur de scénarios
- [www.realclimate.org](http://www.realclimate.org) : réponses aux semeurs de doute
- [www.skepticalscience.com](http://www.skepticalscience.com) : idem
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