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MEDEAS scenarios

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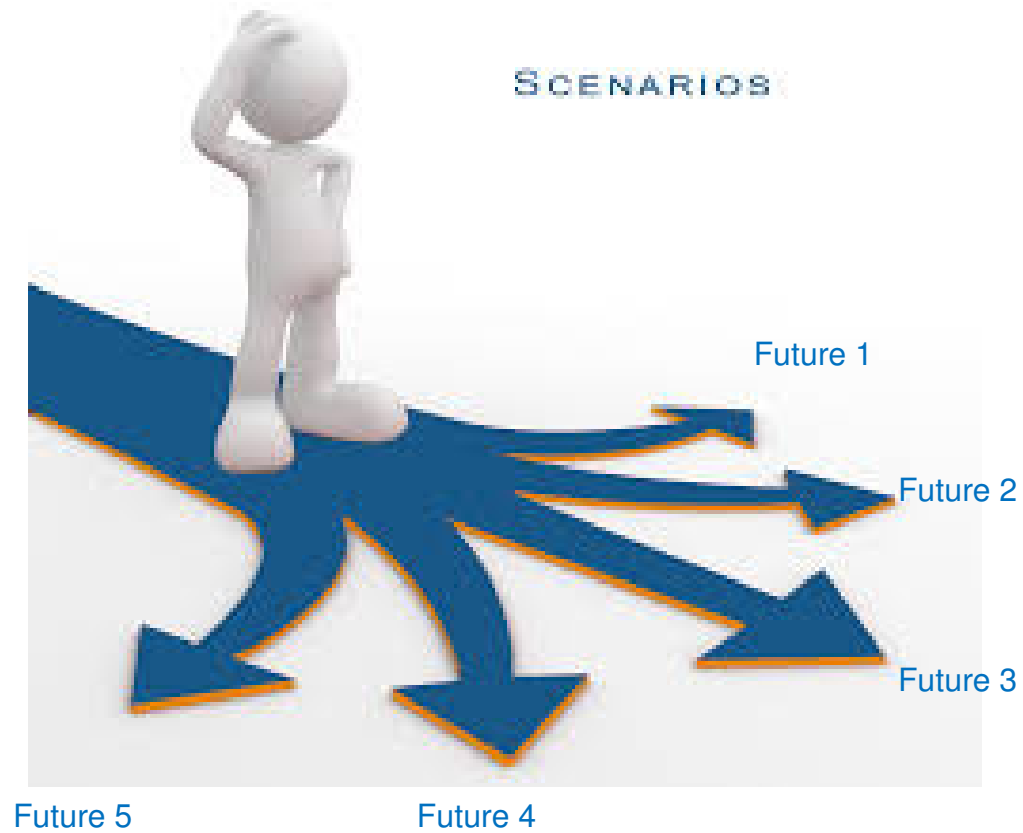
WORKSHOP PROGRAMME
9th September 2017- 14:00 – 16:00

Summer Academy 2017
Club of Rome
Università degli Studi di Firenze





Scenario analysis





MEDEAS scenarios

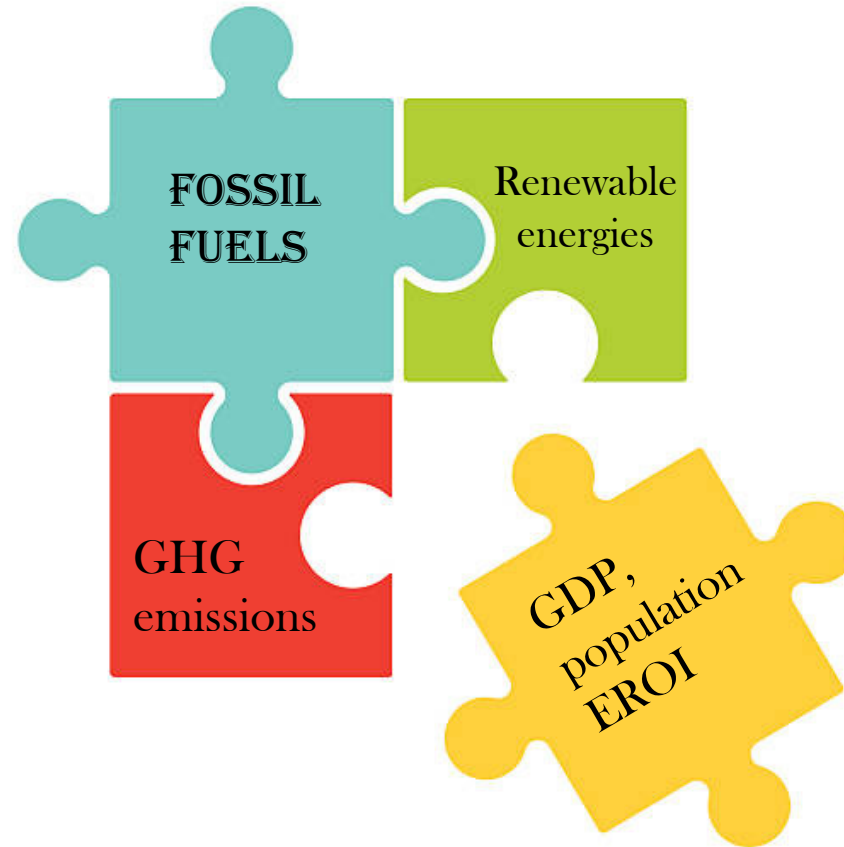


Described the energy transition from fossil fuel to renewable energies
Complete decarbonization by 2050





MEDEAS scenarios



Selected variables: the physical constraints and environmental impacts (mind size model);





MEDEAS scenarios

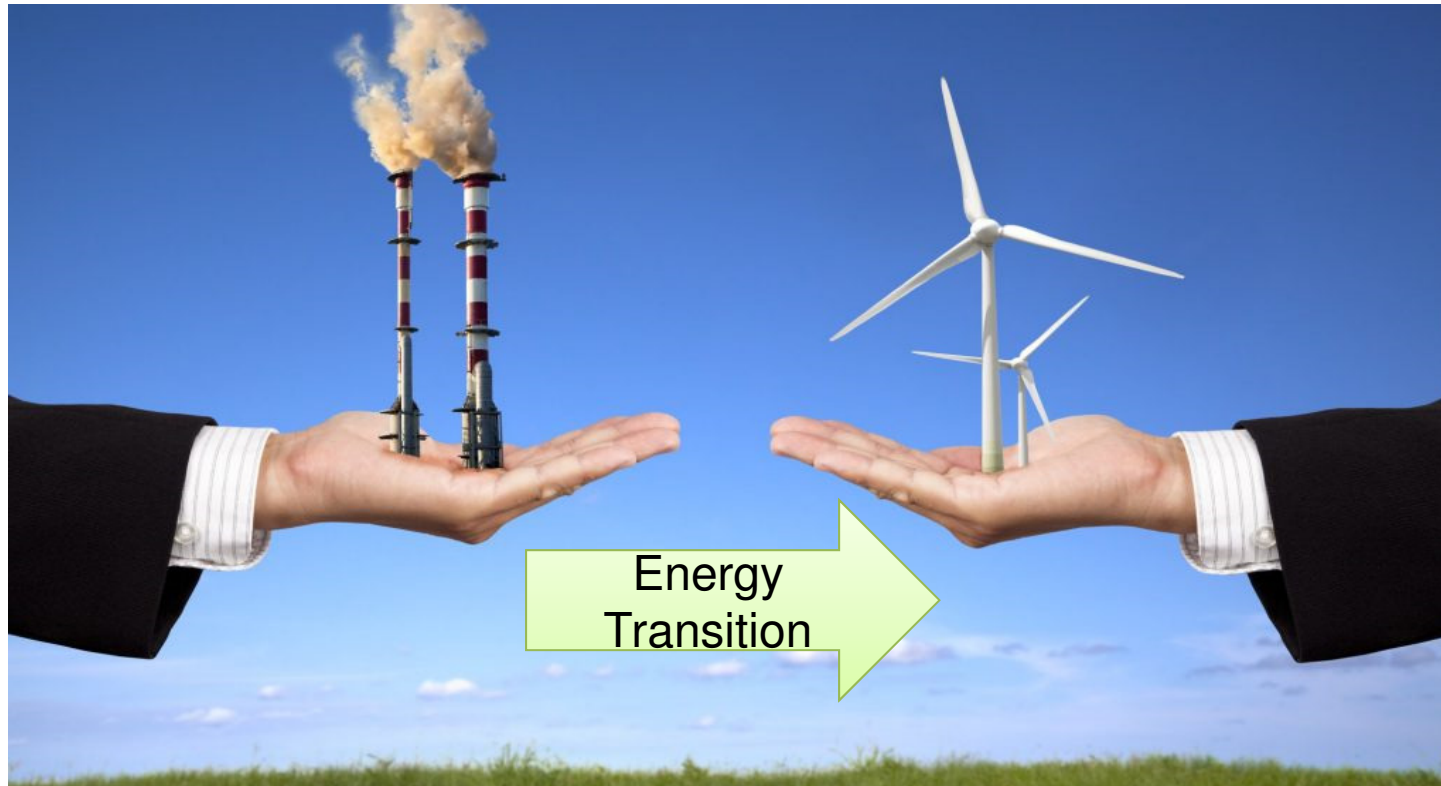


Evaluation of the **possible future outcomes** in which no policies are taken to do the transition or the situation in which the investments on RES gradually increase.





MEDEAS goal = Low carbon economy



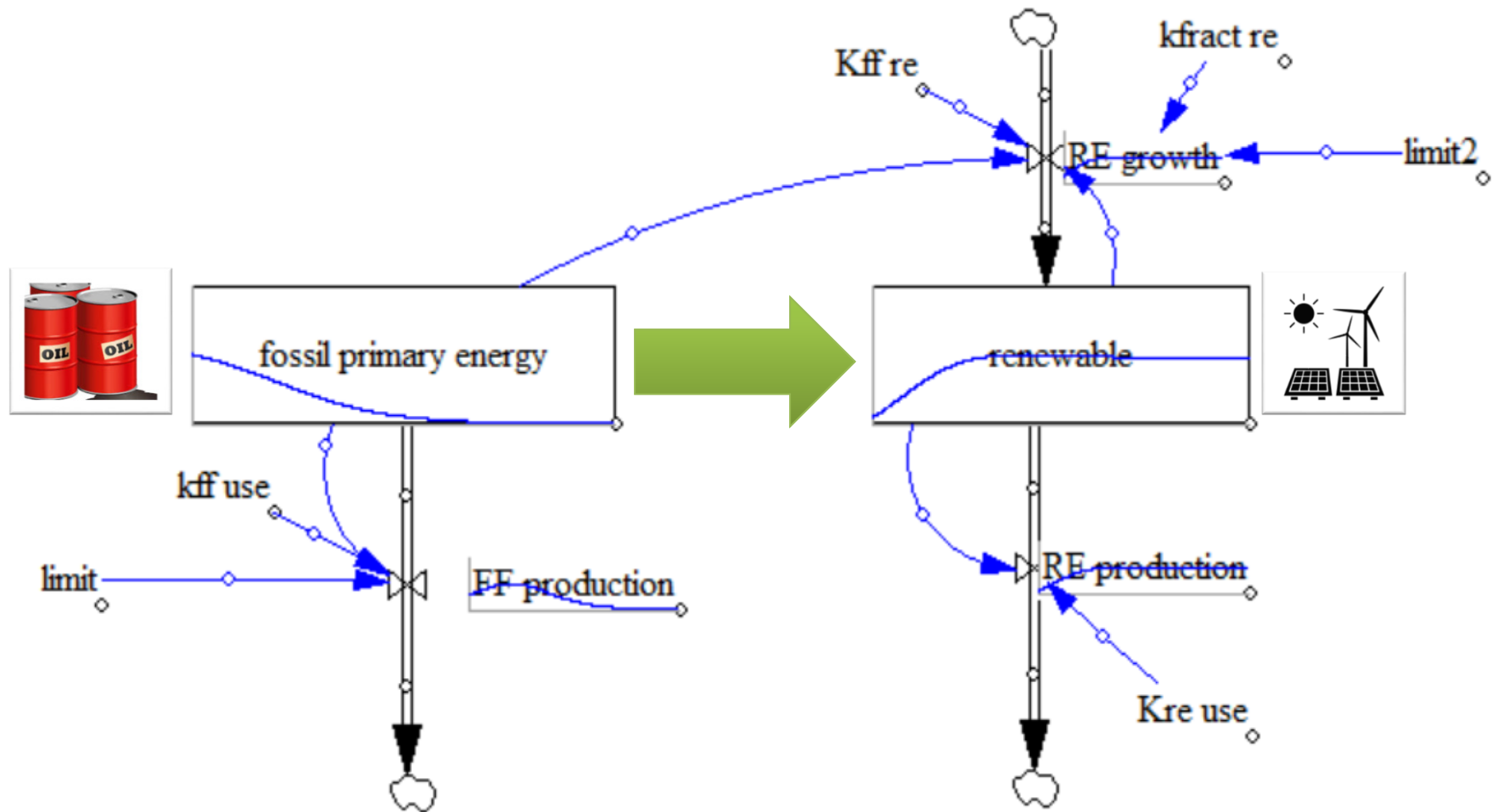
Fossil fuels are limited resources

FF Pollution damages ecosystem and climate



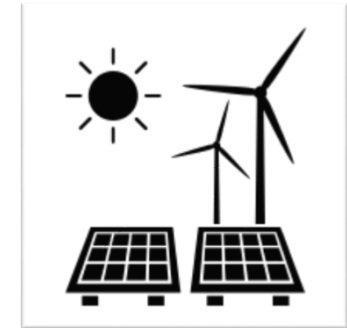
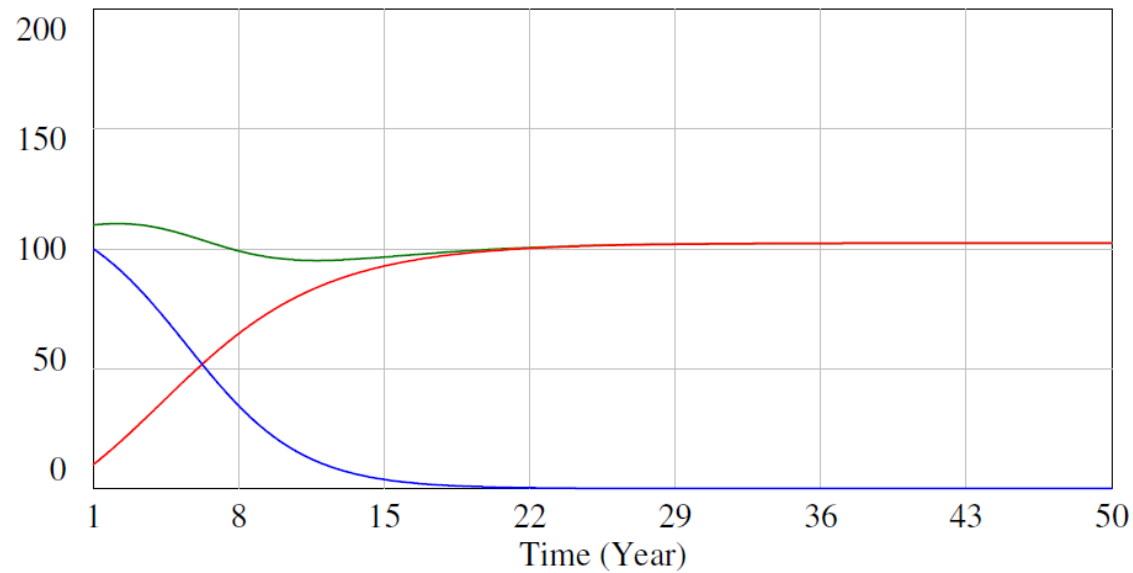


How to do that?





1. Accepting changes...

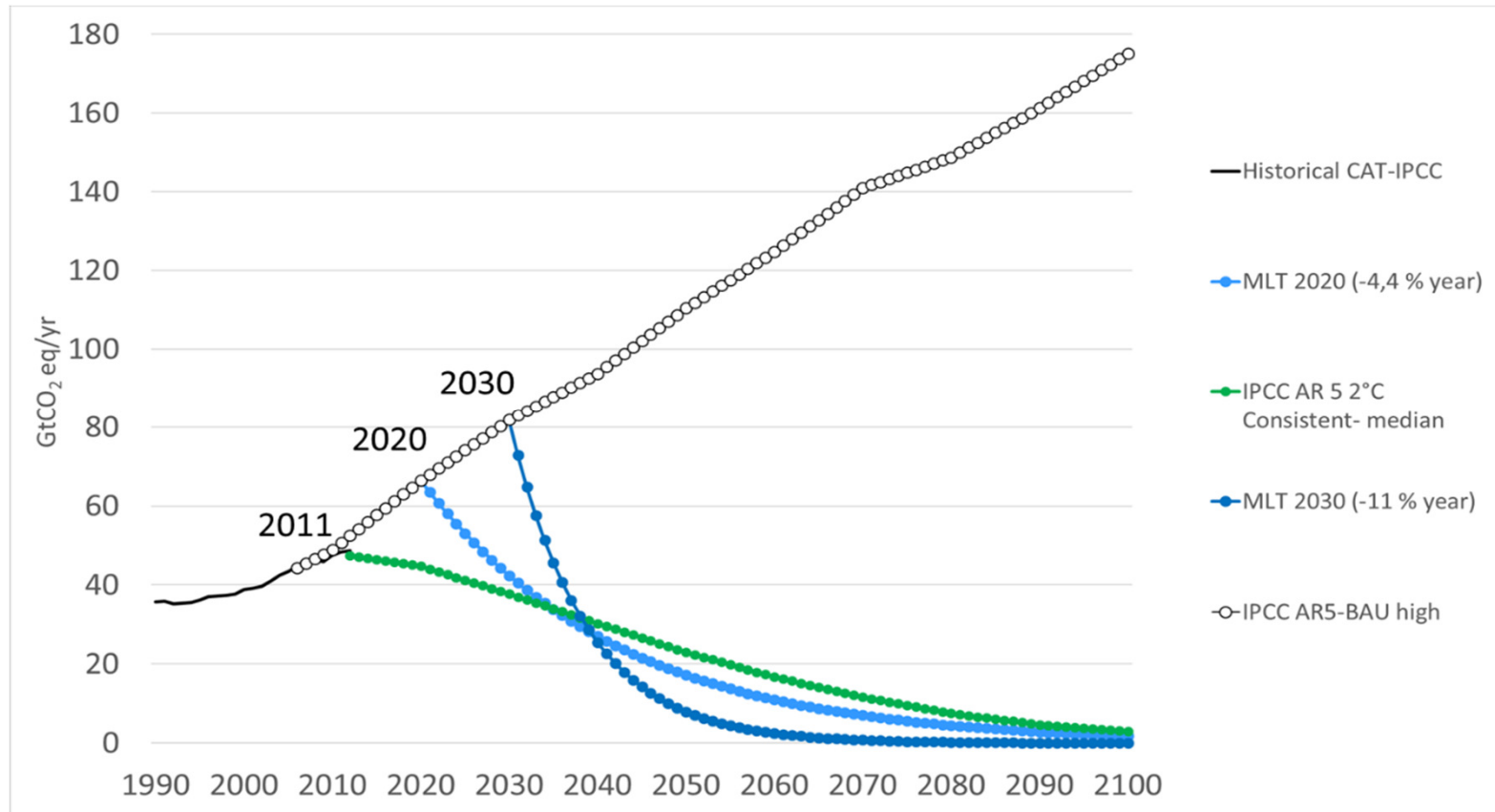


fossil primary energy : Current 
renewable : Current 
summary : Current 





2. Accepting changes...fast!



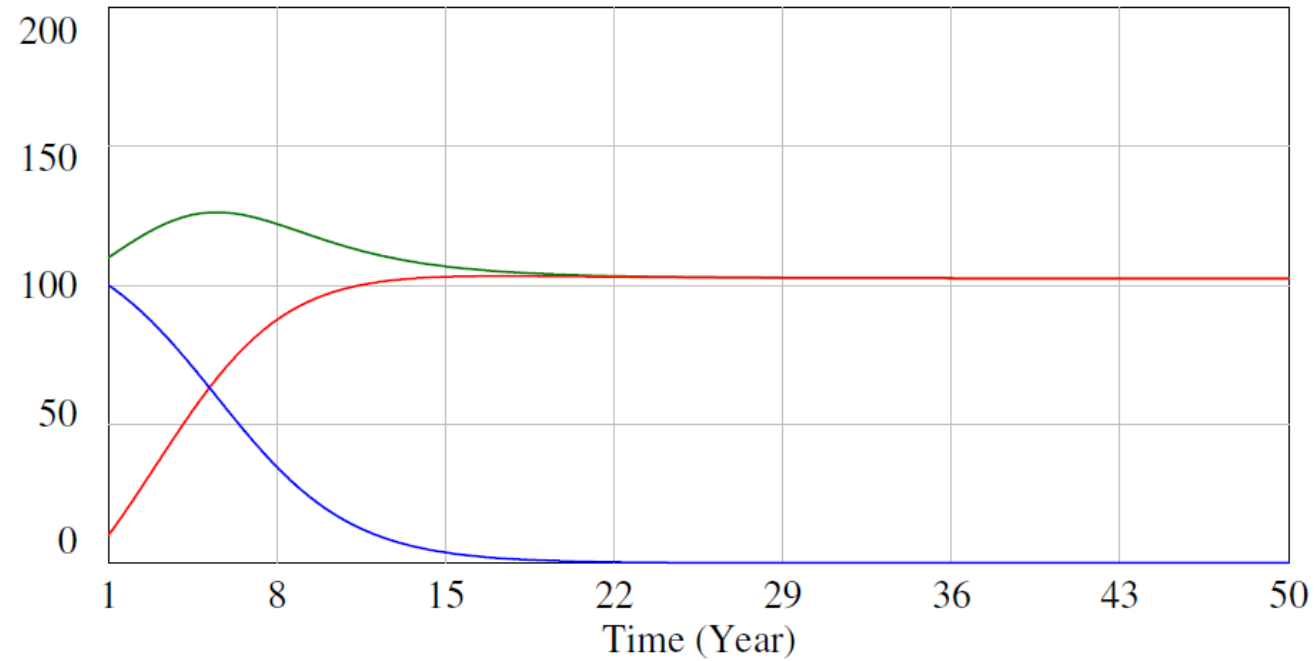
To have a good chance avoiding serious climate changes and environment damages





Thank you!





fossil primary energy : Current 
renewable : Current 
summy : Current 

