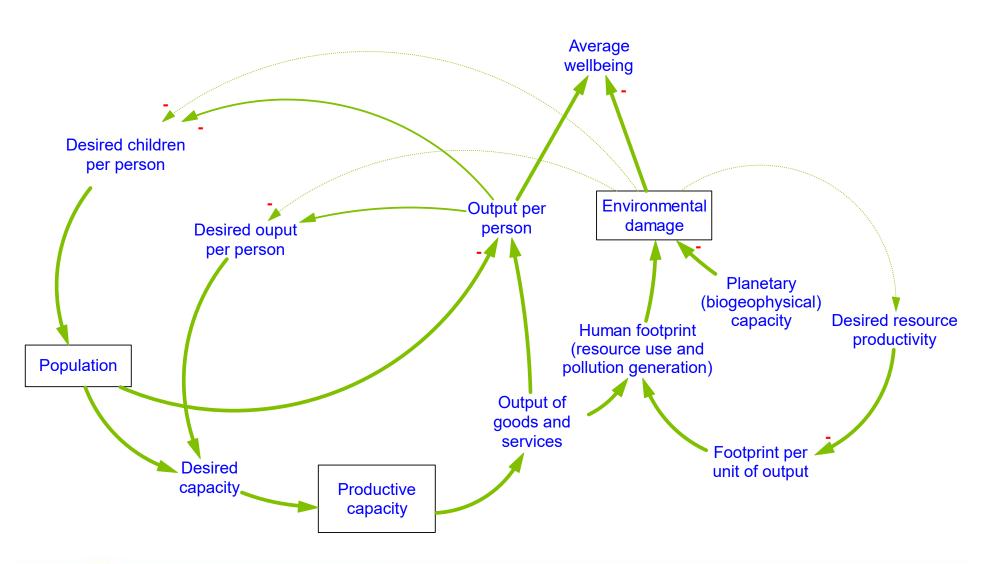


Lessons from 8 attempts at saving the world

Jorgen Randers
Professor emeritus
Climate strategy
Bl Norwegian Business School

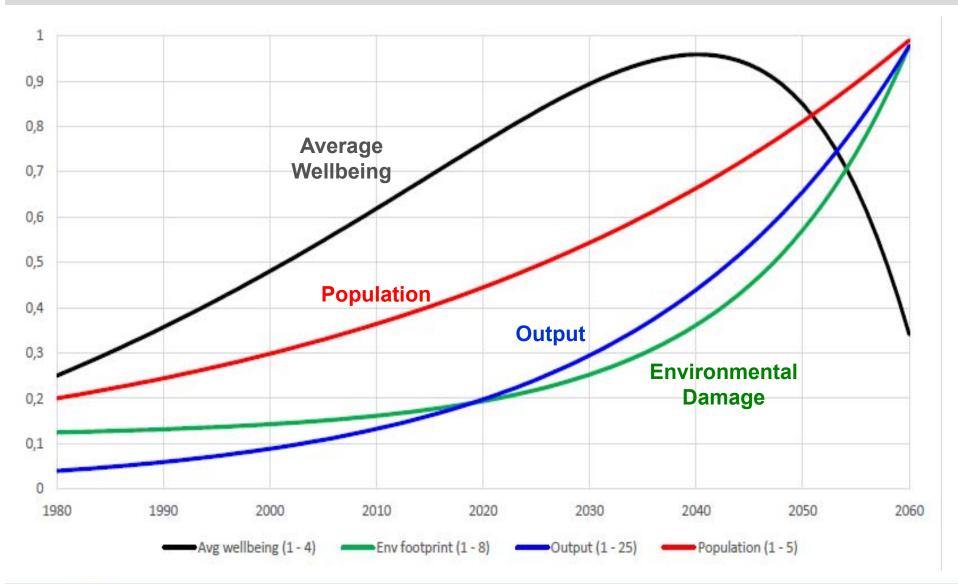
International System Dynamics Conference Reykjavik, Iceland, August 8, 2018

Population and economic growth on a finite planet



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Population and economic growth on a finite planet





1. Studying growth on a finite planet 1970-75

Lesson one:

It (certainly) is not enough to tell people what your model says if the model advice differs from people's preconceived beliefs.

2. Studying growth in industrial sectors 1975-81

Lesson two:

If you want people to love your model (and understand its unconventional and counter-intuitive conclusions), they must participate in the construction of the model

3. Forecasting long term sector futures 1981-91

Lesson three:

Most people (feel forced to) follow the conventional wisdom of their surroundings, even when they know they could have benefitted from following your model advice.

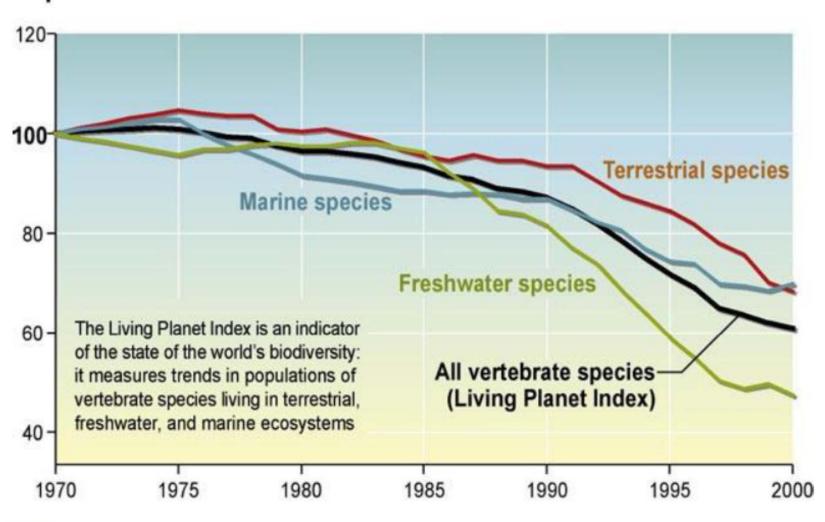
4. Green investments to save the world 1991-94

Lesson four:

What society needs most (eg reduced emissions), is not what is most profitable in the investor perspective

The WWF Living Planet Index 1970 - 2000

Population Index = 100 in 1970



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5. Gathering support for conservation 1994-99

Lesson five:

To focus public attention on a slowly emerging problem, it helps to establish a quantitative performance indicator which is updated annually with great fanfare.

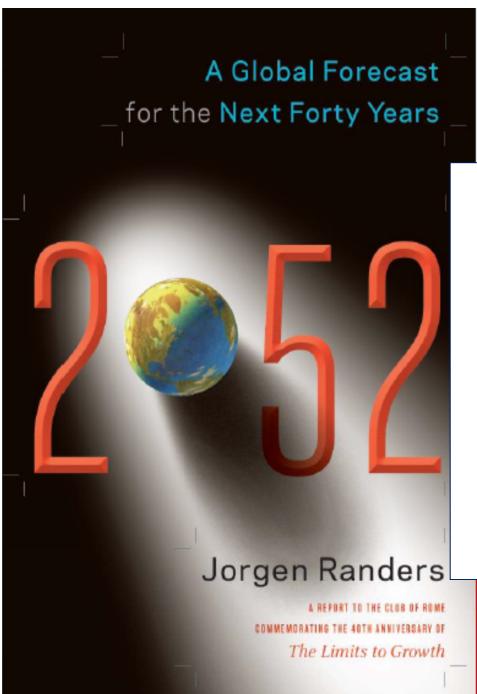
Must be repeated for more than 10 years.

6. Cutting Norway's climate emissions 2005-10

Lesson six:

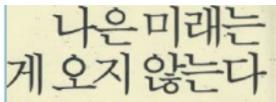
Most people
(at least rich Norwegians)
are not willing to spend money
(or change jobs)
today

in order to obtain an uncertain benefit for their children or grand-children in 30 years.



EINE GLOBALE PROGNOSE ÜR DIE NÄCHSTEN 401AHRE





A Global Forecast for the Next Forty Years 검춘세계, 나와내이이는 어떤하루를 살고 있을까

2052 - A Global
Forecast for the Next
Forty Years
A forecast of global
developments to 2052,
predicting that global
warming will exceed +2

deg C in mid-century

See www.2052.info

今後40年のグローバル予測

日かかン・ランダース× 日十年のテー

D-MARIE



7. Warning people about their future 2011-15

Lesson seven:

One cannot scare people into action by telling them ahead of time what sad future will result from continuation of their current behavior.

8. Smart sustainability policy for rich world, 2016-7

Lesson eight:

There is not necessarily majority support for strong action, even if it gives benefits in the short term and solves the underlying problem in the long run.

9. Planning the green transition in China 2017-

Lesson nine:



We need to act – and models are useful!

