



PLAN B:

If the Warming cannot be Stopped!

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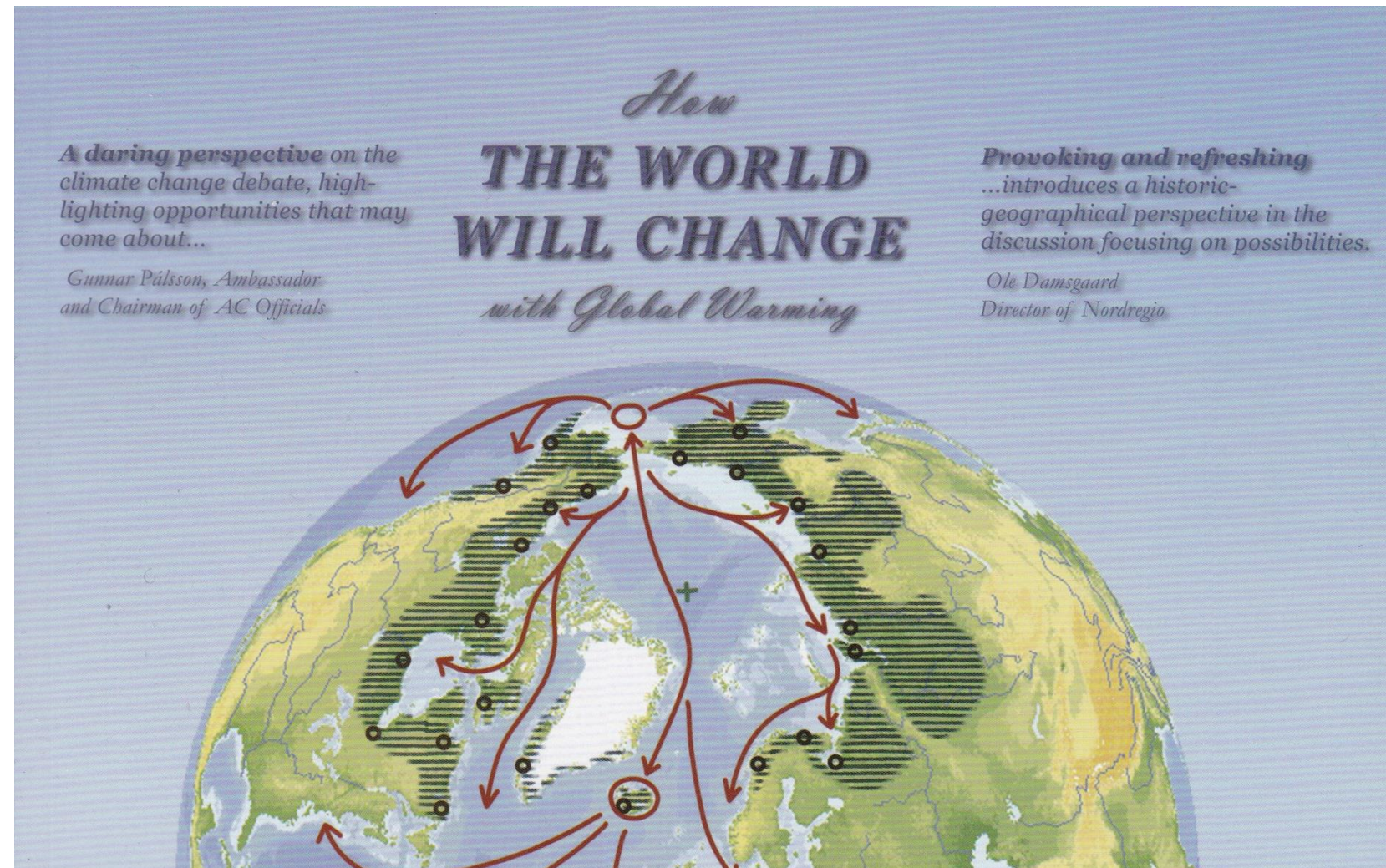
Arctic Circle - Reykjavik - Oct 14 2021



UNIVERSITY OF ICELAND
FACULTY OF CIVIL AND
ENVIRONMENTAL ENGINEERING



TV started working on **PLAN B** *15 years ago... with his book:*





Views (1), on the book, *as it was published in 2006:*

“TV is an academic who is *not afraid to be controversial*. In his new book he argues that *global warming can be good for you* – if you happen to live in the *northern extremities* of the globe, which are destined to become *the new centre of human civilization...*”

*Sir Peter Hall, Bartlett Professor
of Planning and Regeneration, UCL*





Views (2), on the book, *as it was published in 2006:*

“...*provoking and refreshing*, because it counteracts the prevailing discourse, viewing the climate changes *foremost as a disaster*, and instead introduces a historic-geographical perspective in the discussion, *focusing on possibilities*, seen from a high North perspective”

*Ole Damsgaard, Director of Nordregio,
Nordic Centre for Spatial Development*





PLAN A of the *Governments of the World*

*... is meant to **curb**, or **stop**, Global Warming*

*Even if we judge PLAN A likely to **succeed**...*

*...there always **needs to be**... in... important projects,*

...A BACKUP PLAN: "PLAN B"



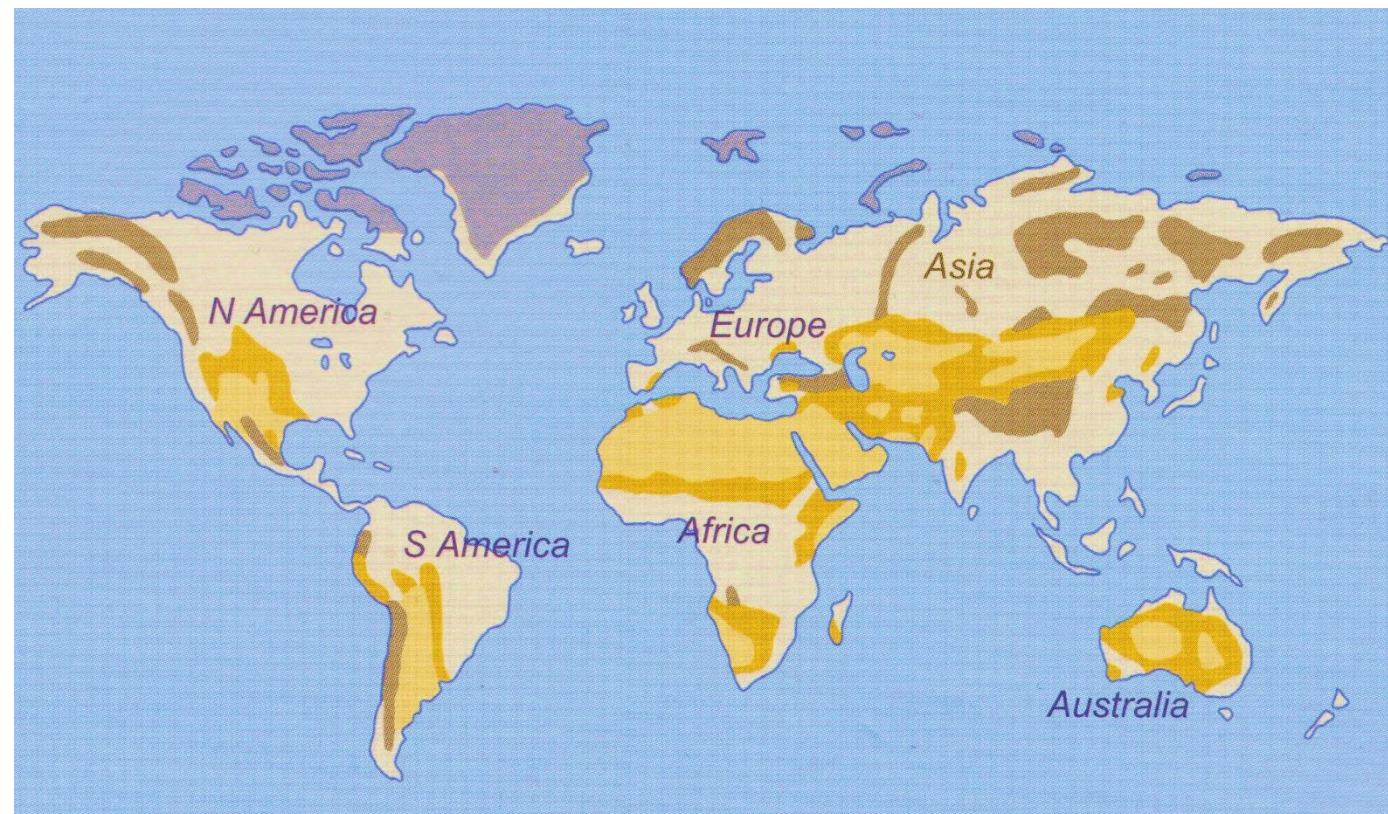


PLAN B needs to show on World Maps

...habitability on a warming Globe:

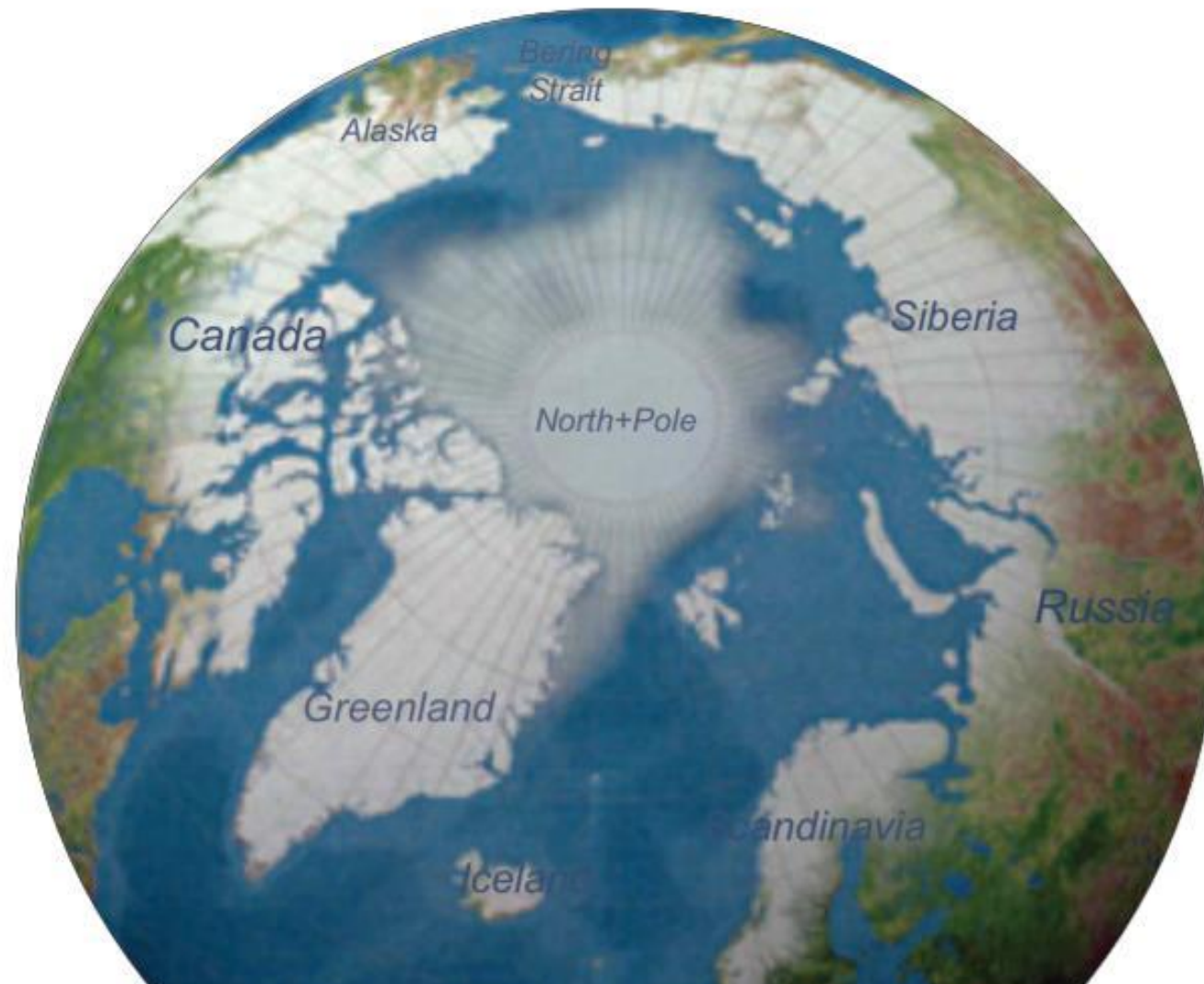
Desserts + extensions – **Dark yellow:**

Suitable for habitation – **Green:**





The *Central Areas* of the *Globe* will become ***too hot*** and ***dry!***
Our Luck: The HIGH NORTH will ***become habitable!!***

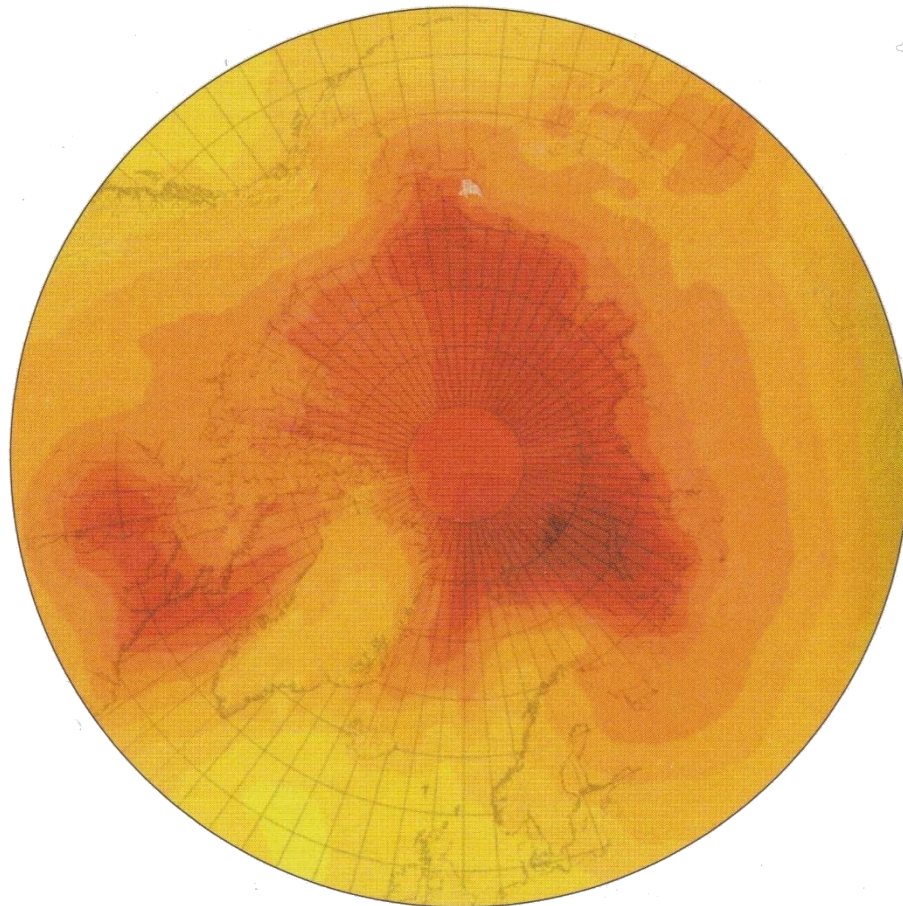




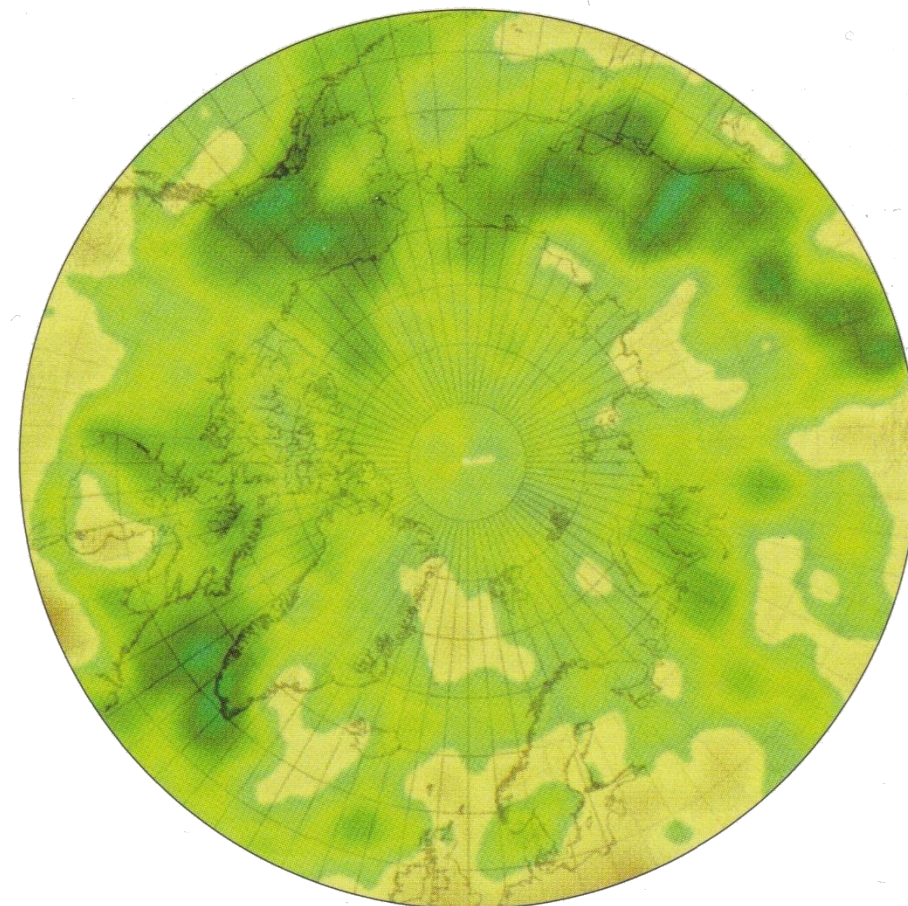
The *Arctic* and *High North*...

...will become **warmer** and **wetter** in 2100:

Dark red: +12°C increase by 2100:



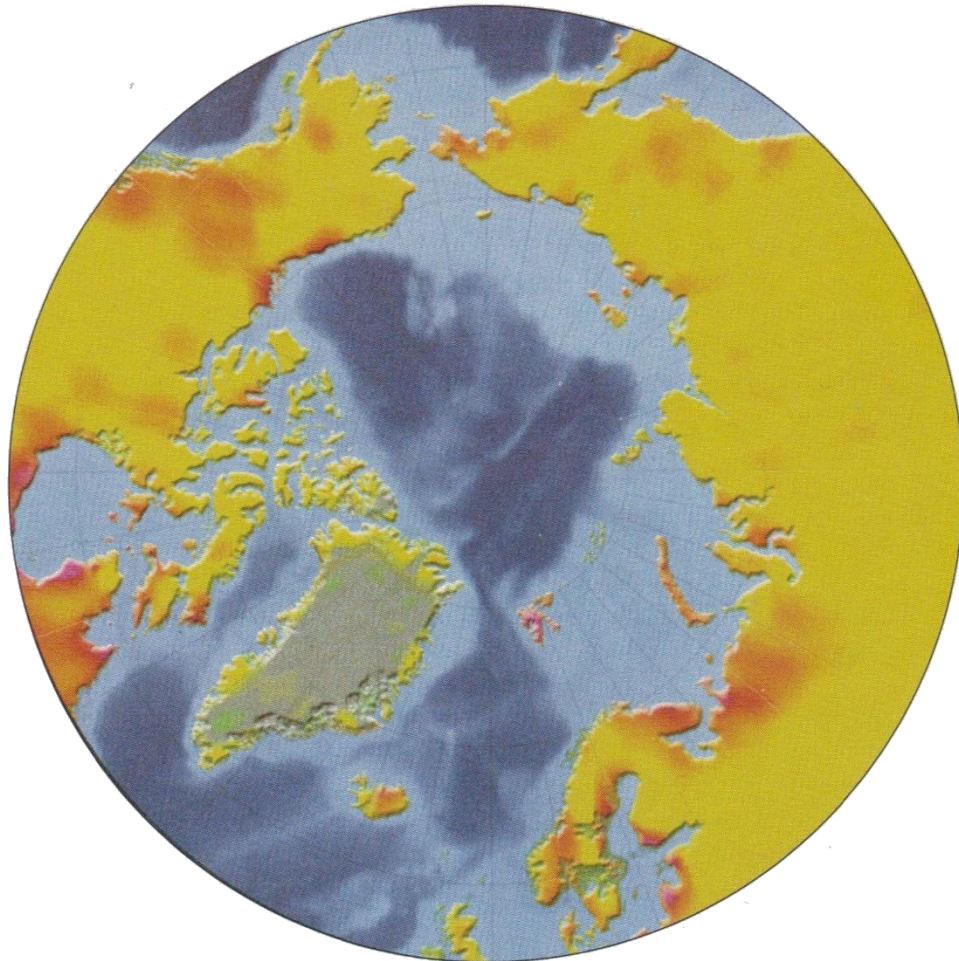
Dark green: +18mm precipitation in August



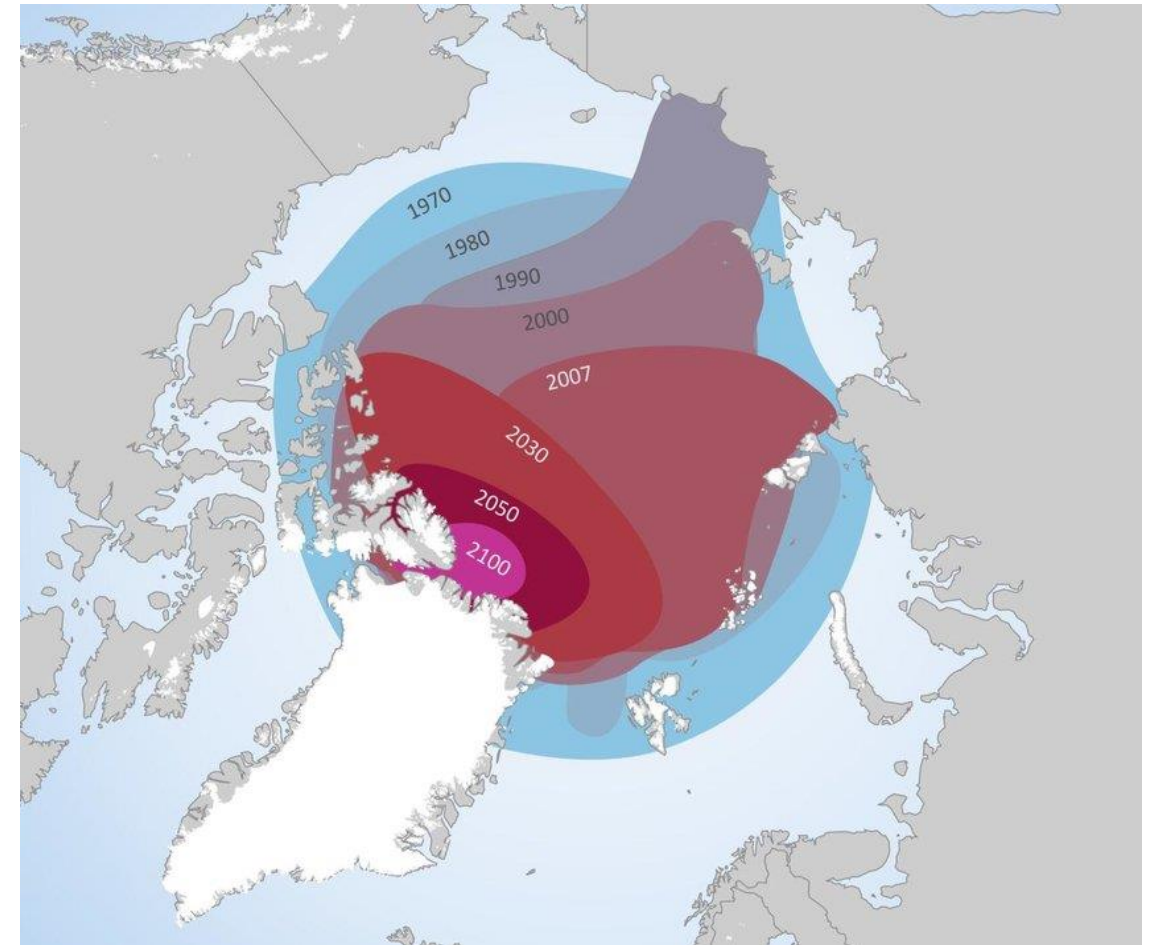


Increase in Growing Days in this century (ACIA)
and decrease in Sea Ice cover (Wunderground)

Dark red: 70 more Growing Days per Year:



Minimum sea ice extent in 2100:





The impacts of the opening of Arctic sea routes

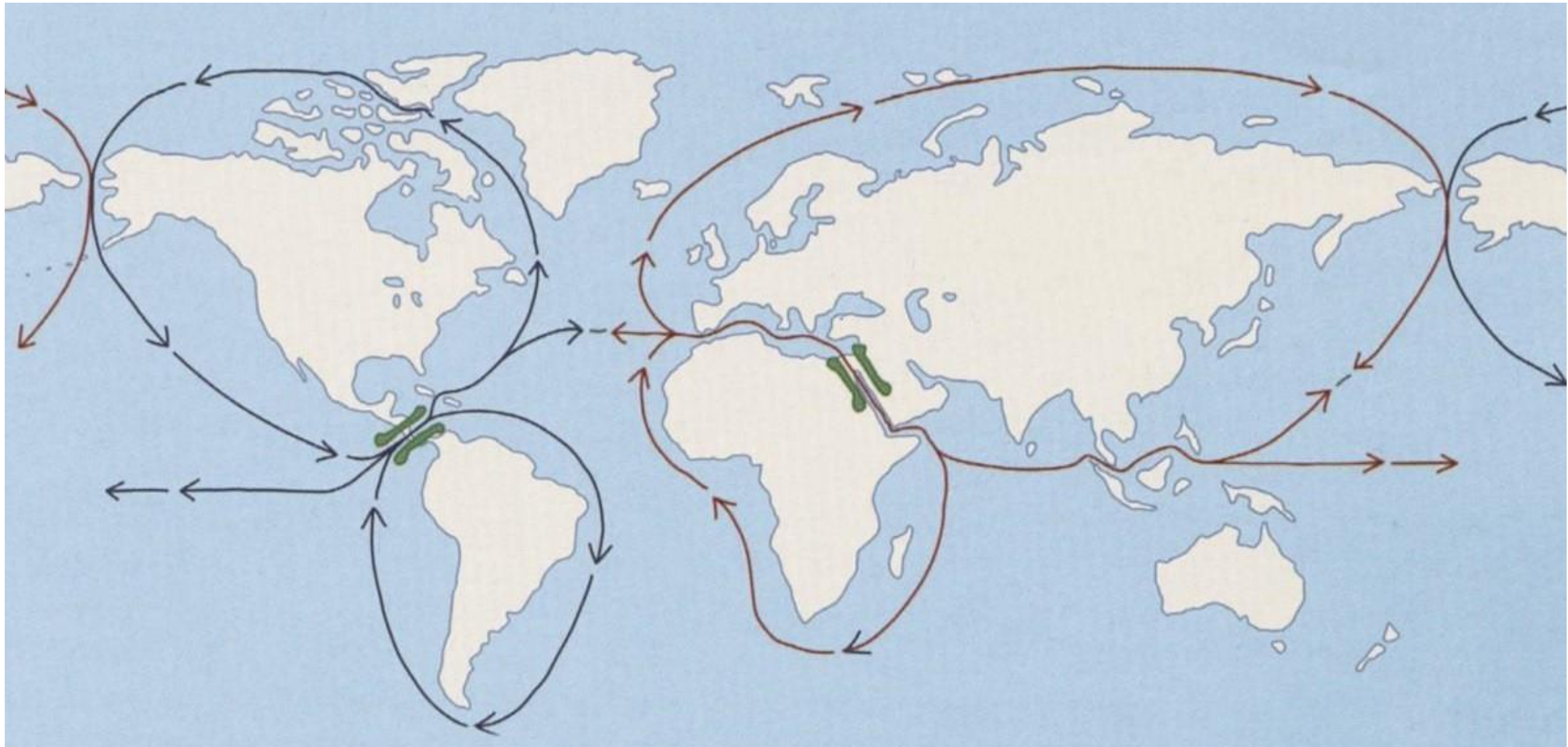
...were studied by TV in his book: "How the World will Change..." (2006)





Great benefit of *Ice-free Arctic*, is **Global *circular*** shipping!!

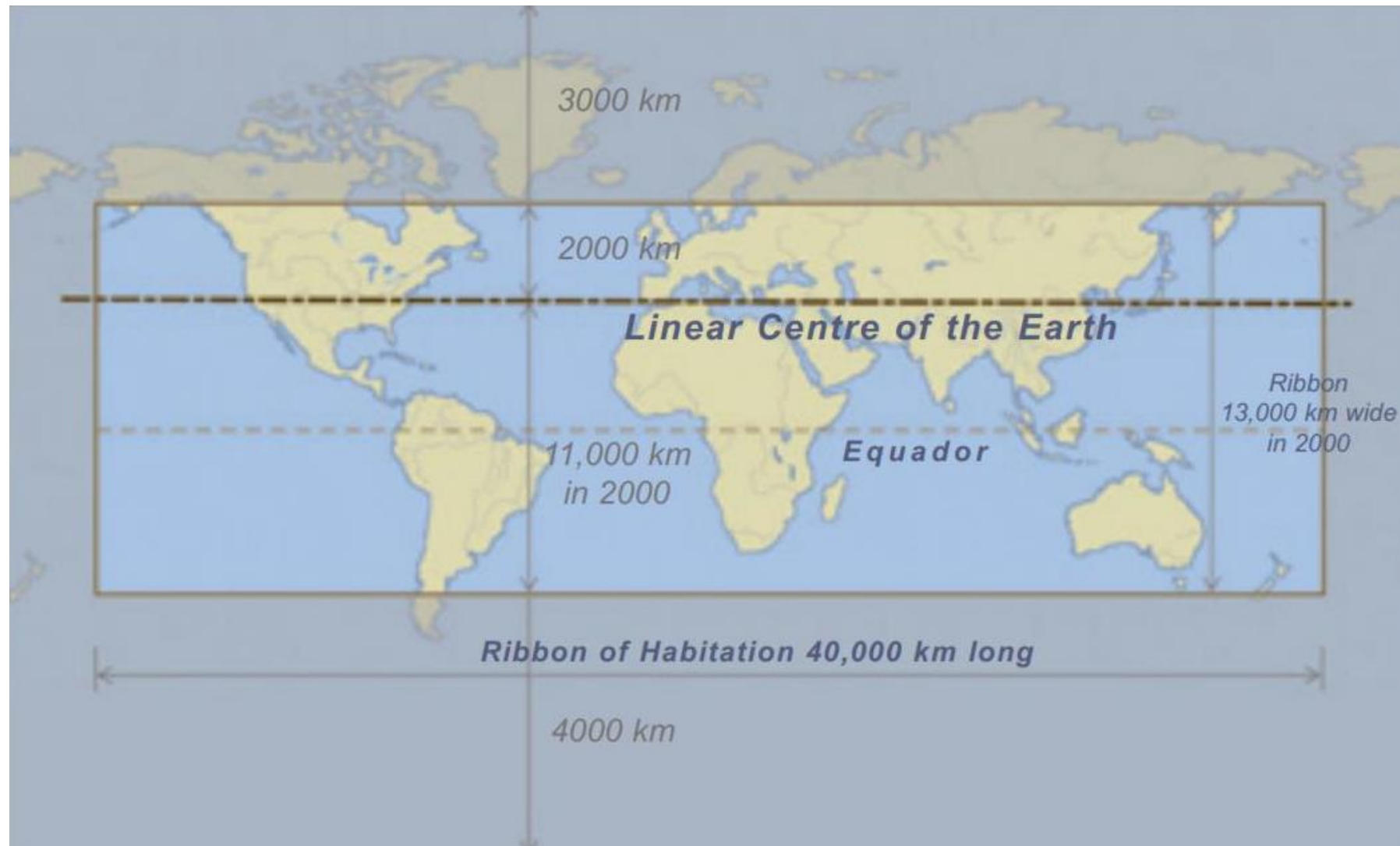
(In PLAN B, study of future transportation structures is essential)





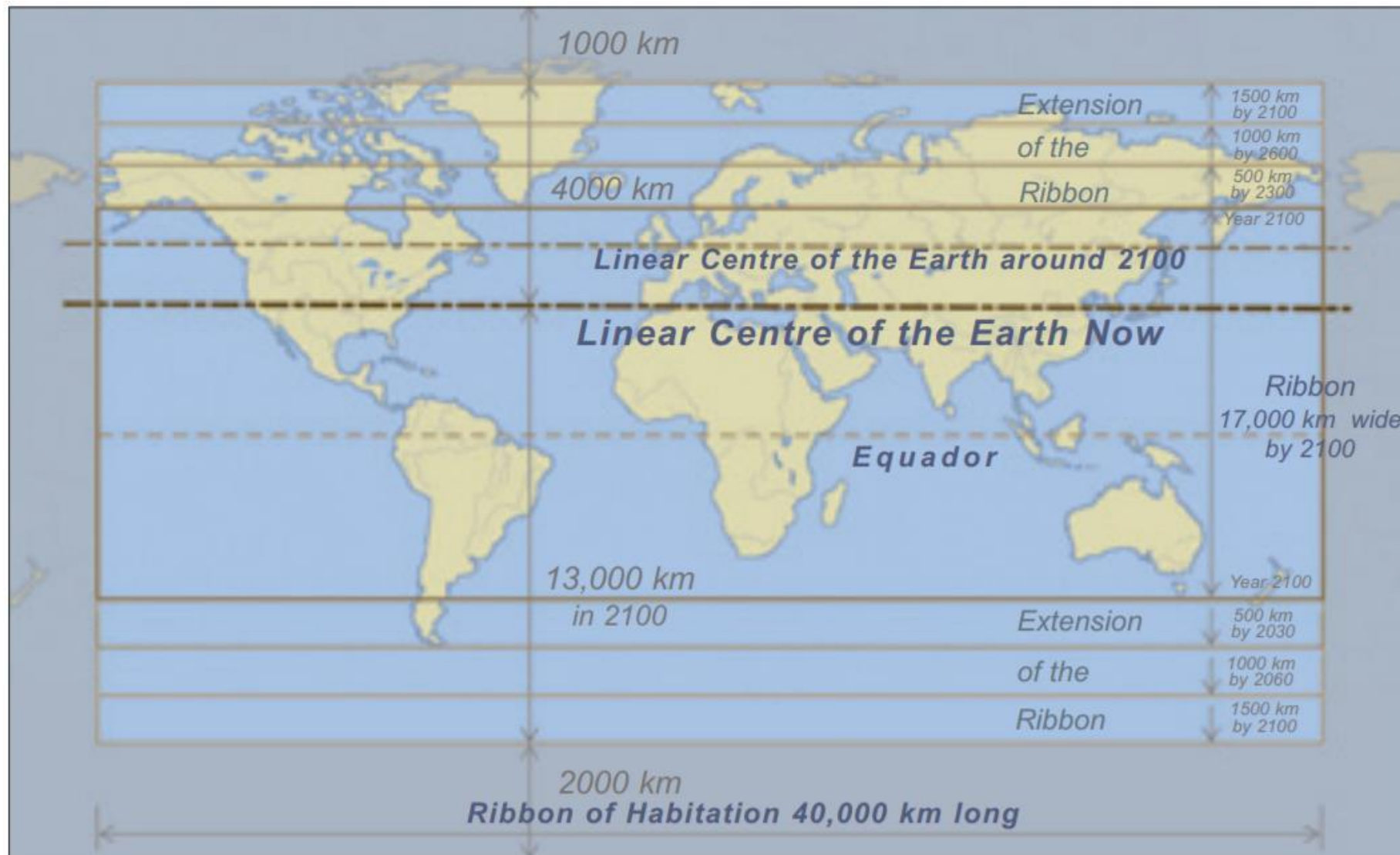
Important for PLAN B are TV's Studies on "Spatial Systems"

Today's system is "The Ribbon"... of Earth's Habitation





The “Road” to the “High-North-World” of *the Future*, is the...
... *extension of the Ribbon into the Polar Areas in this century*

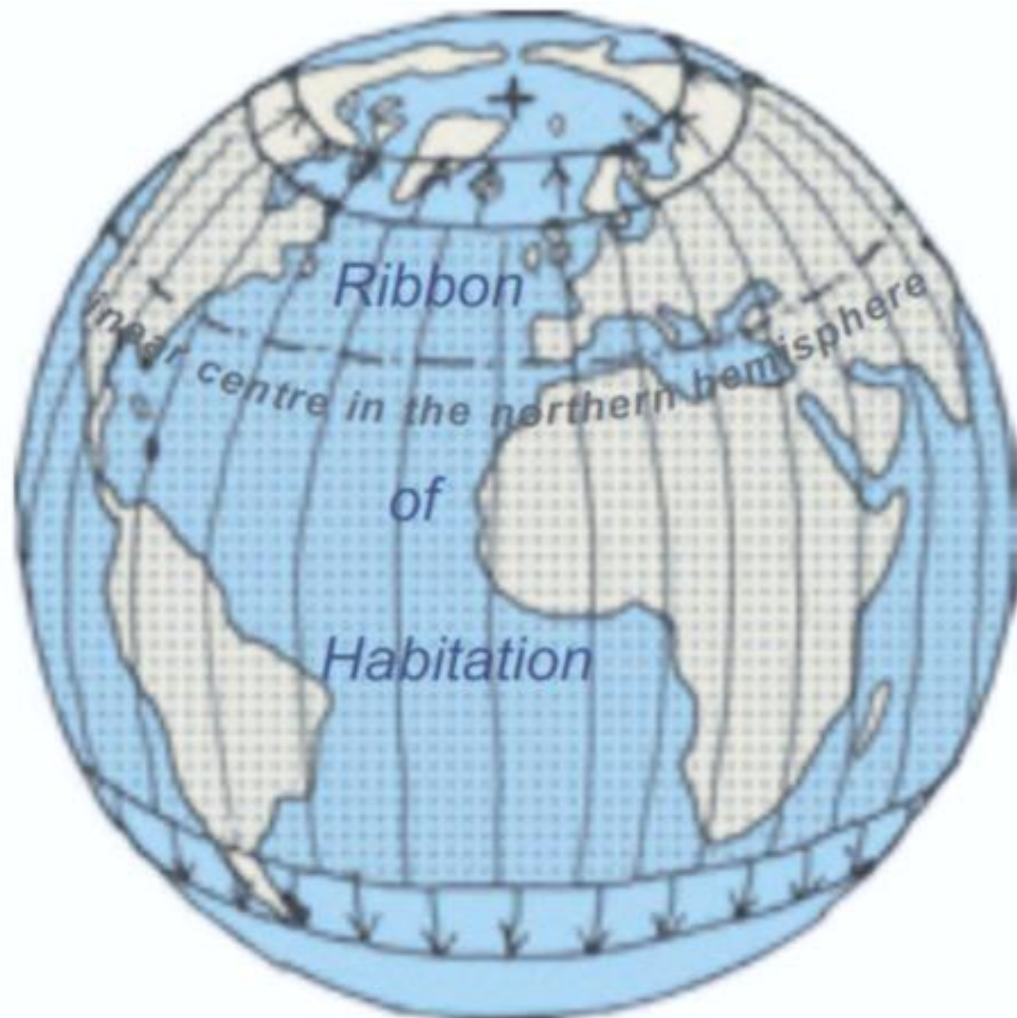




This is a step to “A New Global Spatial System” ... (“How the...” p.65)

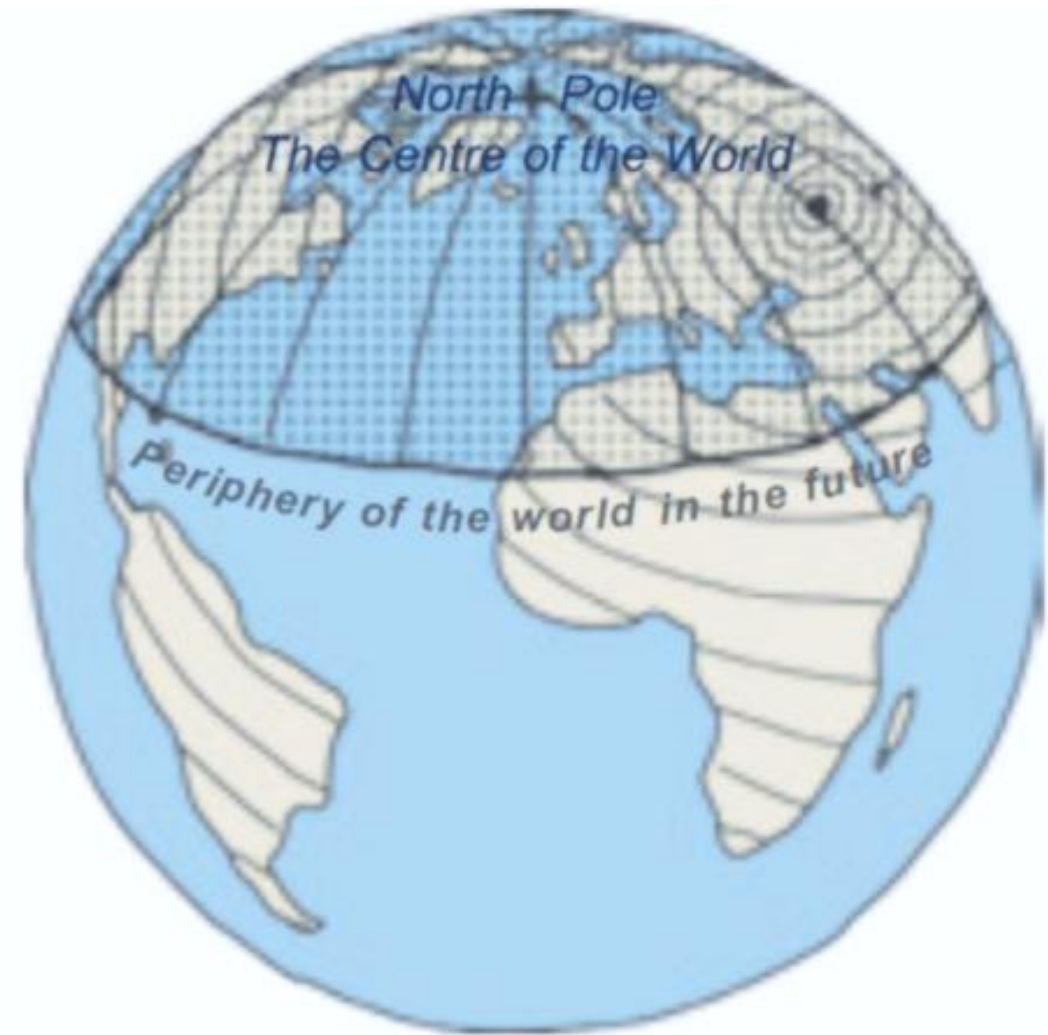
...i.e. from *“E-W Ribbon Space”* ...

...to a *“Spherical Space”*!!





*The pictures show, where global Spatial Systems are headed...
... the Ribbon will split, creating... ...a future “Semi-Sphere” space*





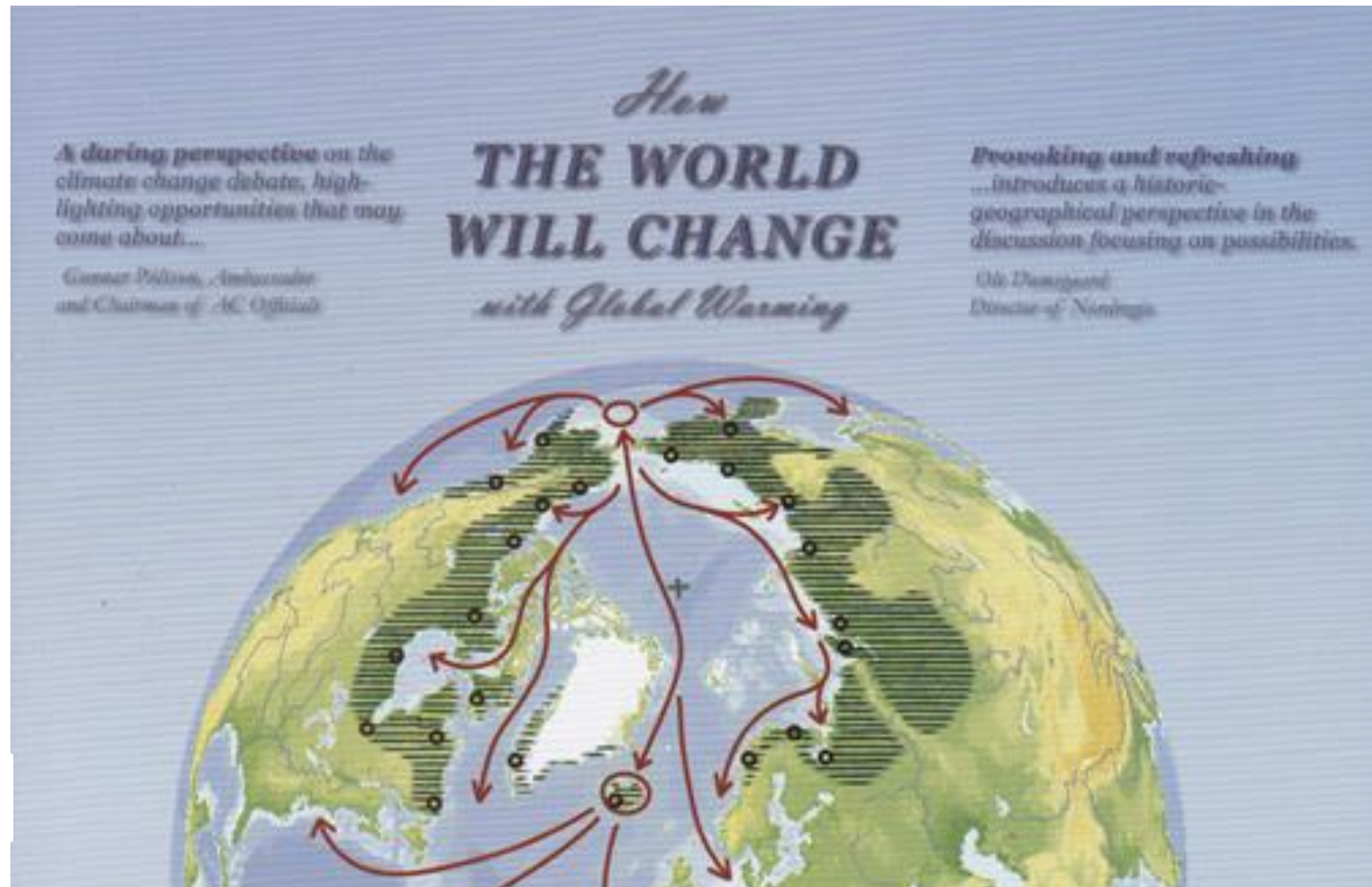
One of the biggest problems of PLAN B

...is that *migration is problematic!!* ("How the..." p.65)





Summing up: A Warmer, ***High-North*** “Mediterranean-Ocean” area...
...could become the “Future Centre of the Globe”... filled with Opportunity!!





Thank you!

For more information visit TV's homepage:

<https://notendur.hi.is/tv/> or [google his name, and the link appears!](#)

(TV's books in English... are *free*, as E-books and Audiobooks, on his page)

