

SDG-k

*avagy globális kísérlet az ENSZ-ben
a tudás-alapú fejlesztéspolitikára*

Zlinszky János

ÁTMA - 2021 III. 10., 17.

NKE VTK VKPT

UN GA 2015:

„UN adopts new Global Goals,
charting sustainable
development for people and
planet by 2030”

(<http://www.un.org/News/>)

17 Sustainable Development Goals

- End poverty
- End hunger
- Ensure healthy lives
- Ensure inclusive and equitable quality education
- Achieve gender equality
- Ensure availability and sustainable management of water and sanitation services
- Ensure access to affordable, reliable, sustainable and modern energy
- Promote sustained, inclusive and sustainable economic growth, full and decent work and the promotion of social
- Build resilient infrastructure, promote sustainable industrialization and innovation
- Reduce inequality within and among countries
- Make cities and human settlements inclusive, safe, resilient and sustainable
- Ensure sustainable consumption and production patterns
- Take urgent action to combat climate change and its impacts
- Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
- Promote peaceful and inclusive societies for sustainable development, provide strong institutions for effective participation of all and end corruption
- Strengthen the means of implementation and revitalize the global partnership for sustainable development



or all



it and

ovation



ent
ests, combat



#GLOBALGOALS

for all and

development

*Hogyan is értünk el
idáig?*

20. sz. vége:

*Globális feszültségek,
tarthatatlan helyzetek*

(% of global total) (Source: UNDP, 1994)

national investment – 85.0
national savings – 85.5
world trade – 84.2
GNP – 84.7

richest fifth

each section
represents one fifth of
the world population

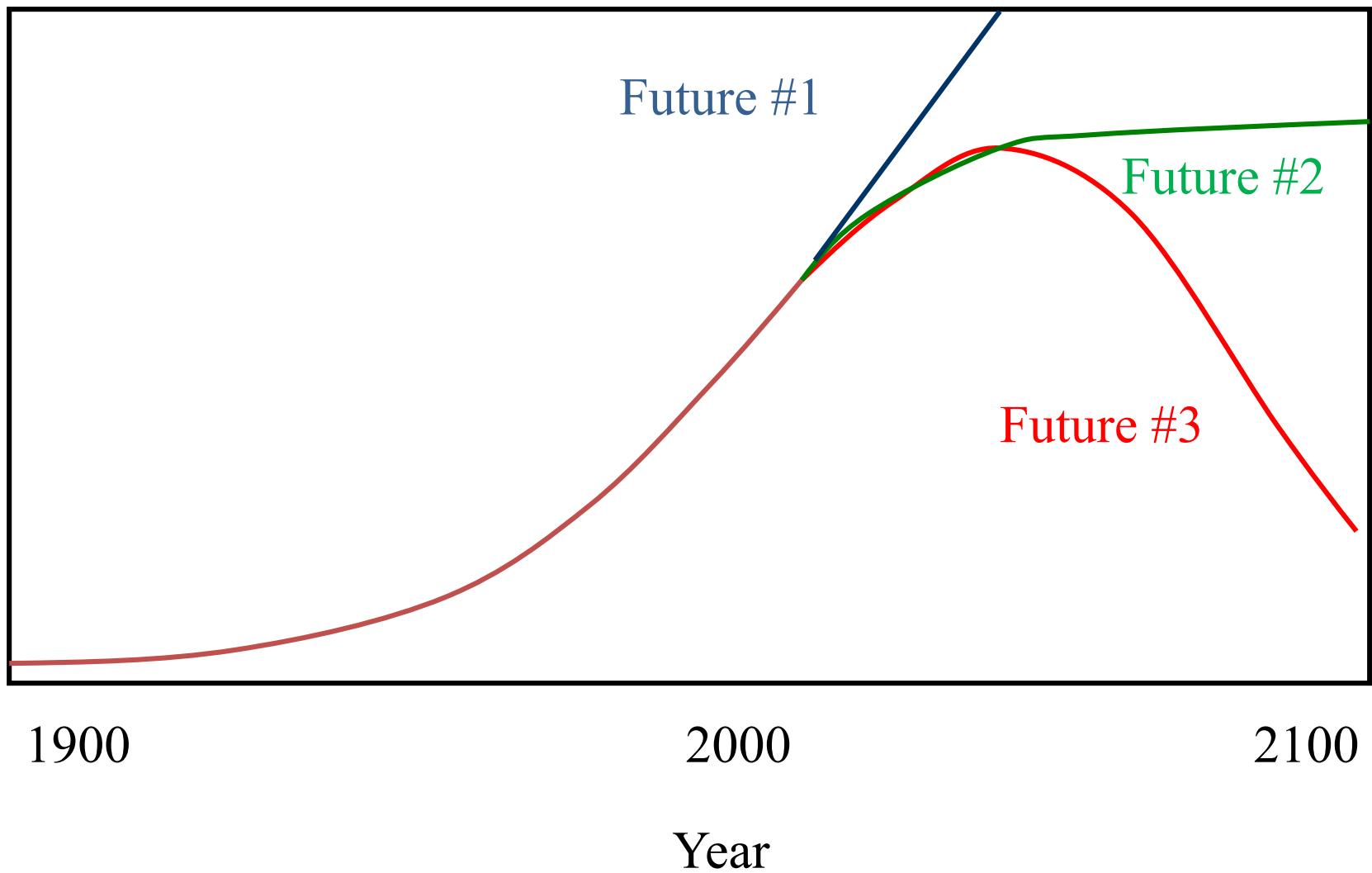
national investment – 0.9
national savings – 0.7
world trade – 0.9
GNP – 1.4

poorest fifth



Photo. Kevin Carter

Milyen típusú jövőre számíthat ez a rendszer?



Millenniumi Fejlesztési Célok!



1

ERADICATE EXTREME
POVERTY AND HUNGER



2

ACHIEVE UNIVERSAL
PRIMARY EDUCATION



3

PROMOTE GENDER
EQUALITY AND
EMPOWER WOMEN



4

REDUCE
CHILD MORTALITY



5

IMPROVE MATERNAL
HEALTH



6

COMBAT HIV/AIDS,
MALARIA AND OTHER
DISEASES



7

ENSURE
ENVIRONMENTAL
SUSTAINABILITY



8

GLOBAL
PARTNERSHIP FOR
DEVELOPMENT

II. János Pál pápa, és Bartholomeiosz Konstantinápolyi ökumenikus pátriárka „Velencei nyilatkozata”, 2002:



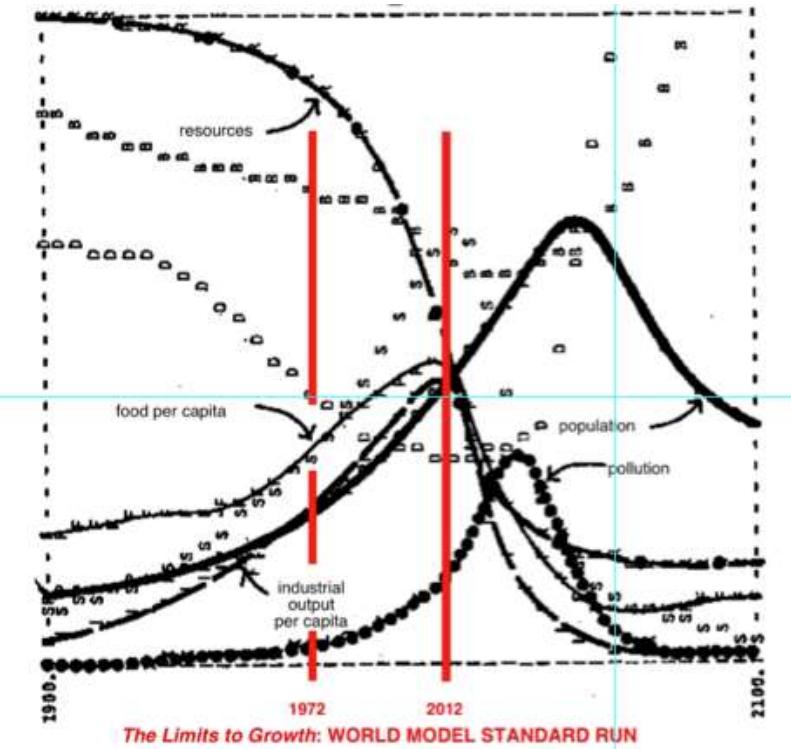
„El kell veszítenünk mindenből az életmódot, szemléletmódot, értékrendet, gazdasági berendezkedést amely egyre távolít minket mindenből, ami egy egészséges bolygó és az emberek egészséges közössége számára elengedhetetlen. Új felfogás és új kultúra szükséges.

Napjainkban szemtanúi lehetünk a környezet-tudatosság erősödésének, amelyet bátorítani kell, hogy gyakorlati programokhoz és kezdeményezésekhez vezessen. minden kereszténynek, és valamennyi hívőnek kiemelkedő szerepe van ... az emberek környezeti tudatosságra való nevelésében, amelyért önmagunk, mások és az egész teremtés előtt felelősek vagyunk.”

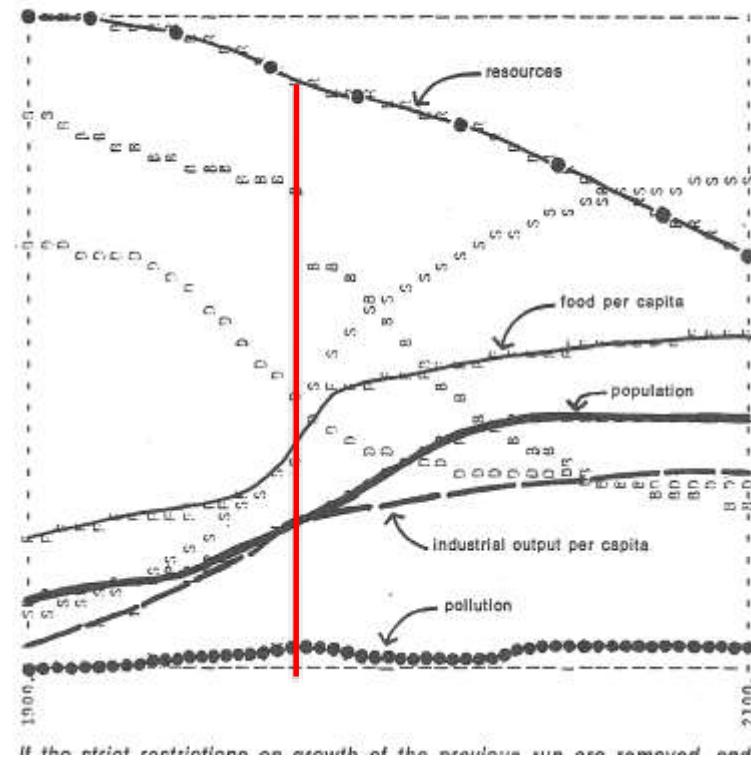
*21.sz eleje:
vészjelek a tudománytól*

**MOST MÁR
HAMAROSAN
„BORULUNK”!!!**

Globális léptékben,
a (természeti-társadalmi) rendszer
két lehetséges viselkedés-típusa közül
(túllövés-összeomlás, illetve stabilitás)...

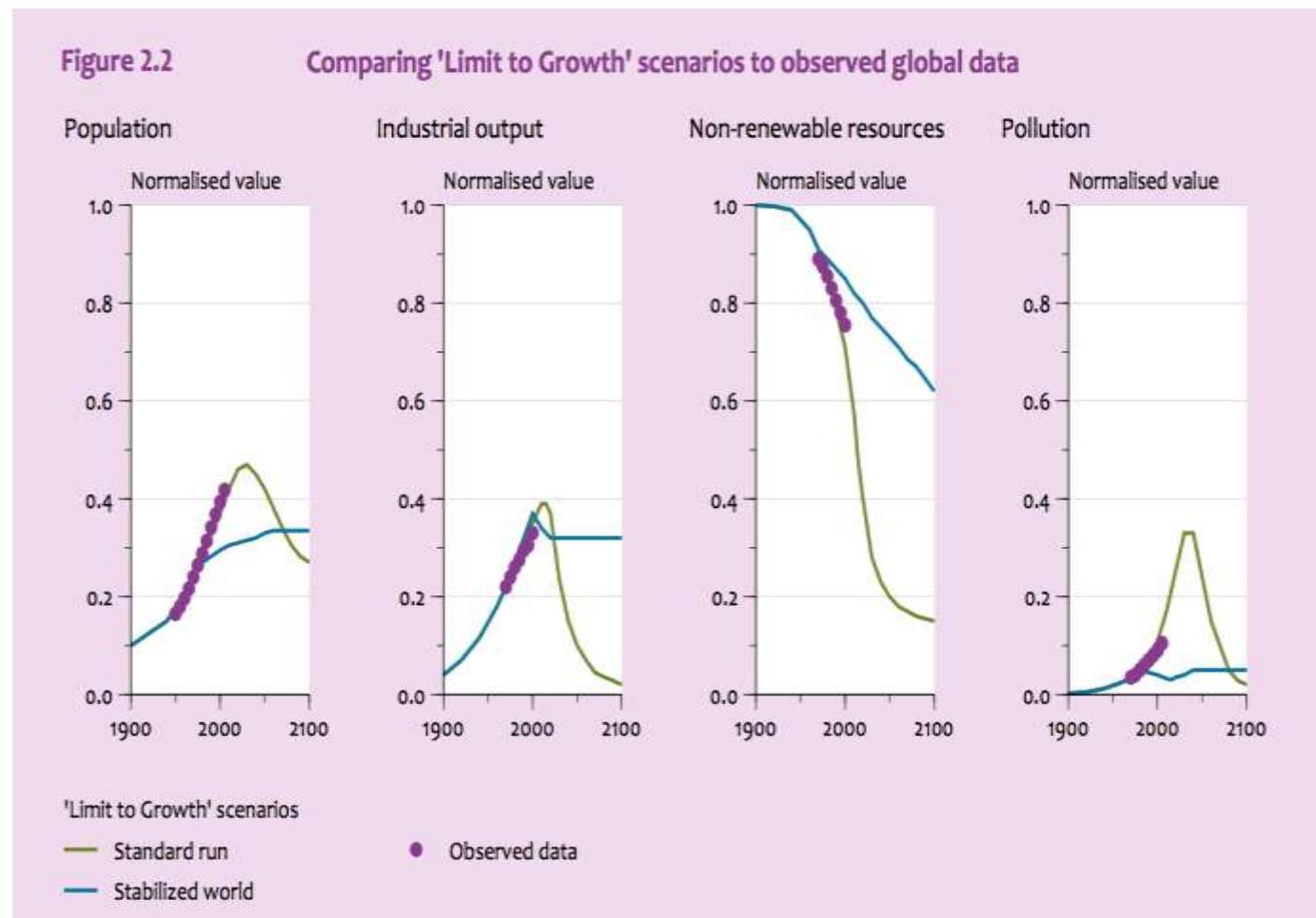


World3: Standard Run



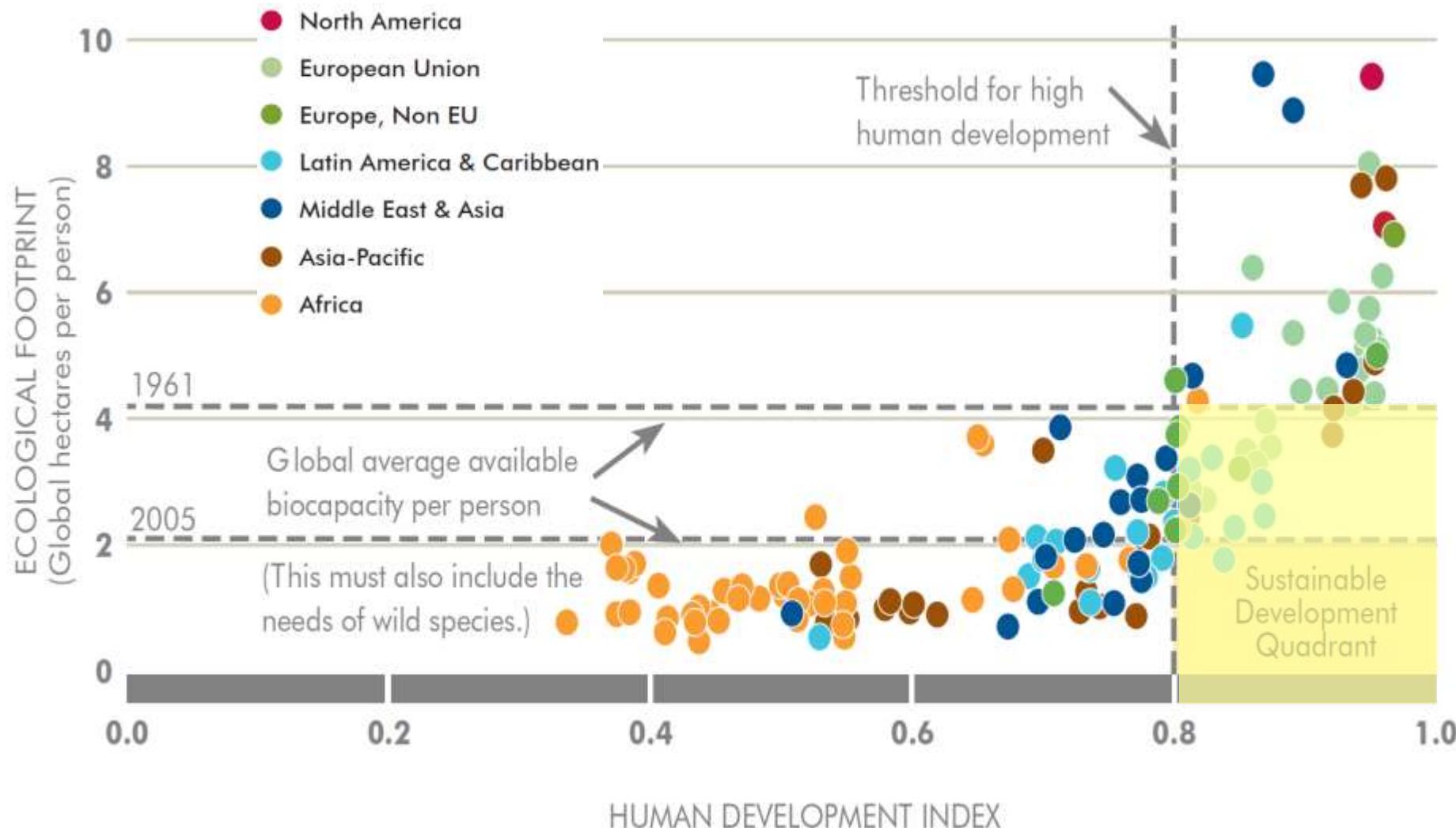
World3: Stabilized World

...az emberiség (még mindig) a túllövés-összeomlás pályán van

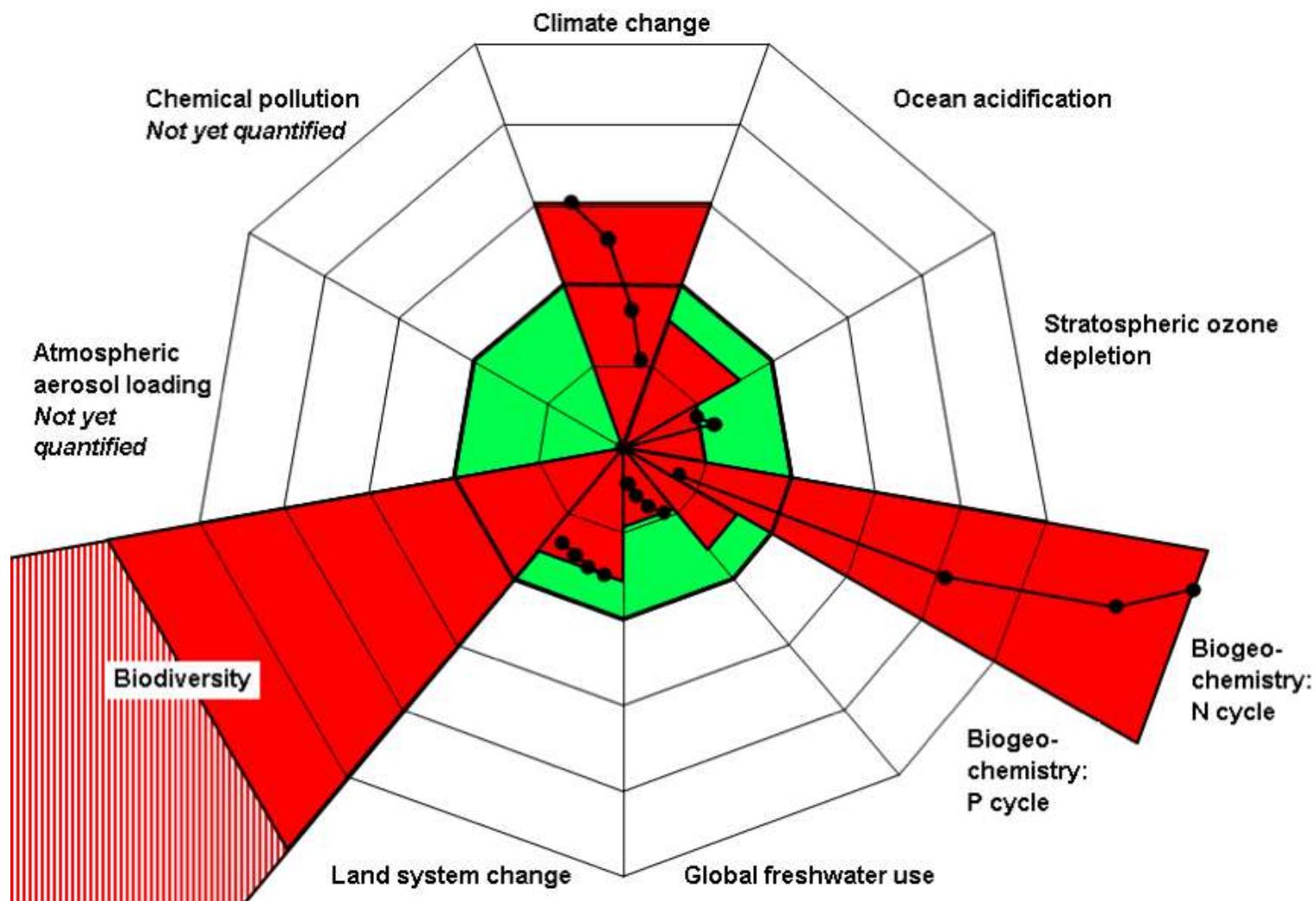


Távolodunk a fenntarthatóságtól!

(Graph by Mathis Wackernagel, for the WSF 2009, Budapest)



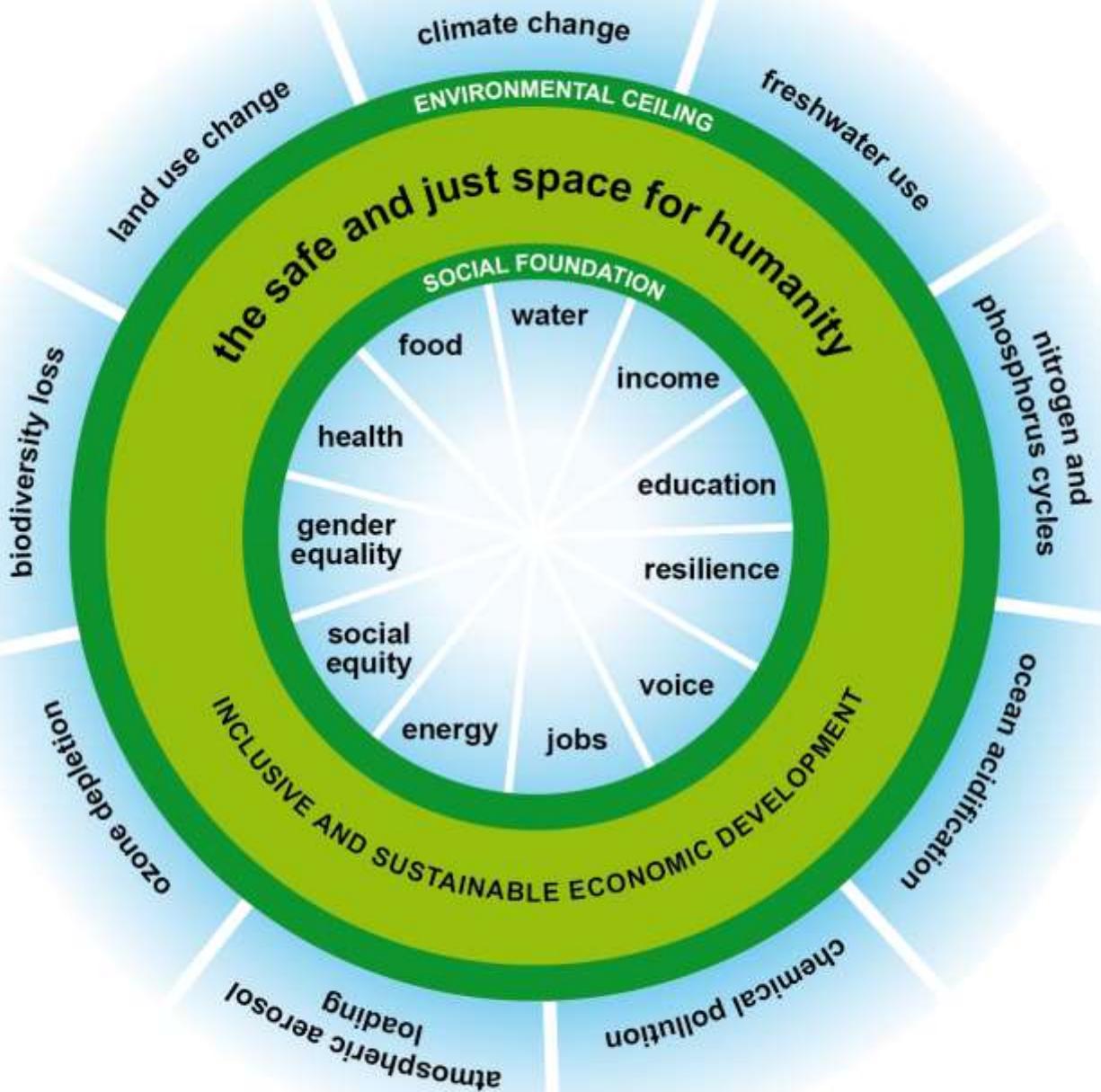
Az anyagforgalom biztonságos mozgásterét elhagytuk



Rockström, J. et al., 2009. Nature.

Teendők, lehetőségek,
kilátások
a „post-2015”
fejlesztési időszakban

Társadalmi (szociális) minimum, anyagforgalmi maximum; avagy igazságosság és biztonság



1. Változat

*ENSZ: szerkezeti,
rendszerszintű
átalakítást a
fenntarthatóságért!*

2. Változat

(pl. Meadows:)

Az állóképességet kell
növelni!

„Füstbement” tervezetek:

- 1972 Stockholm - elvek
- 1992 Rio de Janeiro – egyezmények (A21, UN FCCC)
- 1997 Kyoto – kvantitatív célok
- 2002 Johannesburg – politikai partnerségek

Újabb nekibuzdulás:

UN Conference on Sustainable Development
„Rio+20”), 2012 június!

UN Conference on Sustainable Development (UNCSD; „Rio+20”):

Elkésett előkészületek:

- „Resilient People, Resilient Planet”
- „21 Issues for the 21st Century”
- „Zero draft declaration”

„A 21. század 21 kulcskérdése”

1. Align governance to the challenges of global sustainability
2. Transform human capabilities for the 21st century
3. Ensure food safety and food security
- 4. Reconnect science and policy**
5. Catalyse rapid and transformative changes in human behaviour towards the environment

(21 Issues for the 21st Century, UNEP Foresight Process, 2012)

Rio+20: a „Dél lázadása”

- Kolumbia és Guatemala kezdeményezése gyorsan teret és támogatást nyert
- Az egyetlen pozitív visszhangú ENSz fejlesztési próbálkozás a Millenniumi Fejlesztési Célok, amelyek...
- ... „lejárnak” 2015-ben, de folytatni kéne a munkát...
- Tehát a „post-2015 fejlesztési rendszer” MDG-szerű programon alapuljon, felhasználva az MDG tanulságait!

A feladat

(*Rio+20 egyetlen eredménye!*)

The Rio+20 outcome document, *The future we want*, set out a mandate to establish an Open Working Group to develop a set of sustainable development goals for consideration and appropriate action by the General Assembly at its 68th session. It also provided the basis for their conceptualization.

Mire való, és mire terjedjen ki a Fenntartható Fejlesztési Célrendszer (SDGs)?

- „should address and be focused on priority areas for the achievement of sustainable development, being guided by the Rio+20 outcome document”
- „should address and incorporate in a balanced way all three dimensions of sustainable development and their interlinkages”

A Fenntartható Fejlesztési Célok (SDGs)

definíciója és kritériumai:

Goal: expresses an ambitious, specific and actionable commitment.

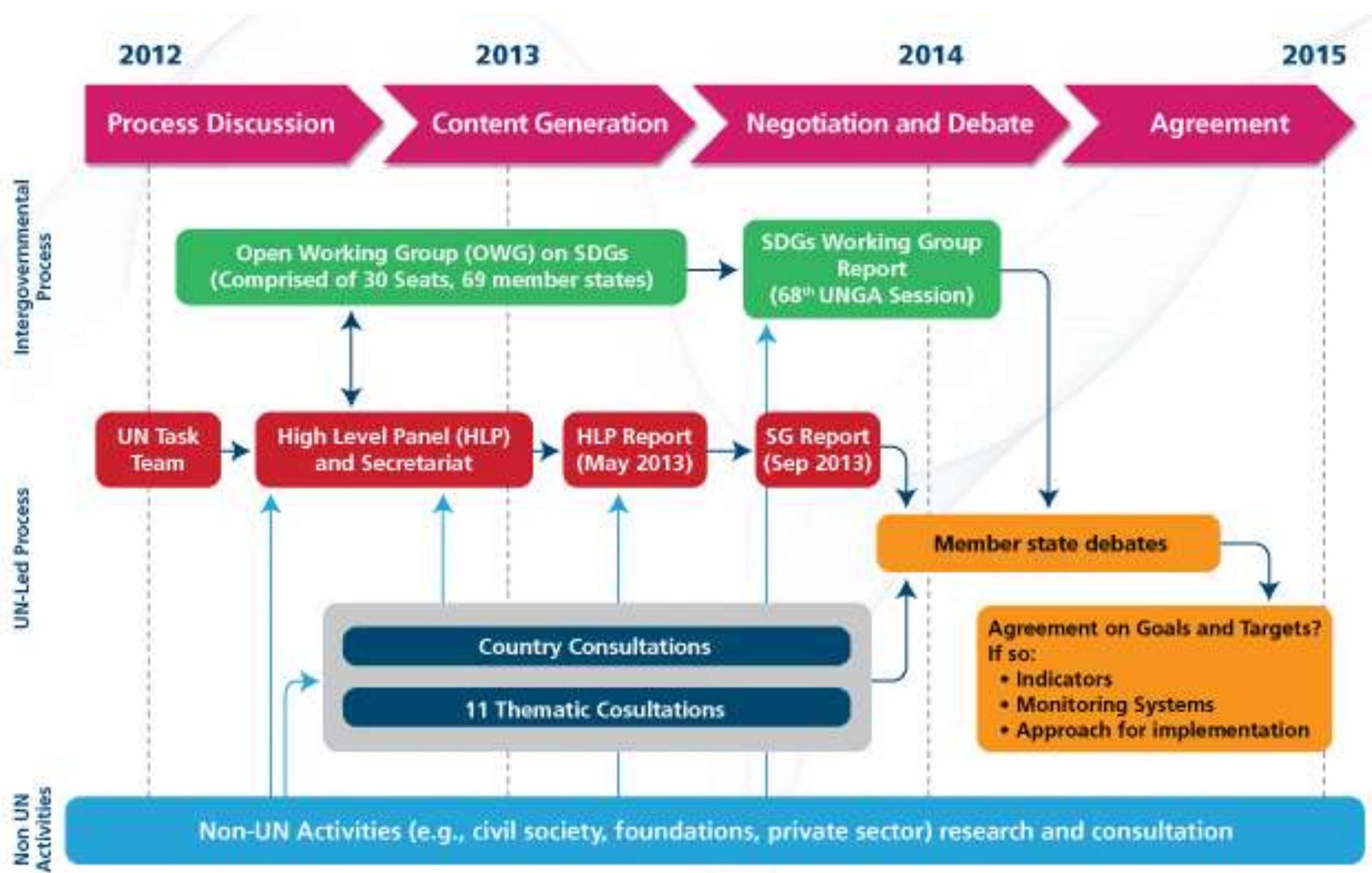
- concise and easy to communicate
- **aspirational**
- **transformational**
- limited in number
- global in nature and universally applicable to all countries while taking into account different national realities, capacities and levels of development and respecting national policies and priorities.

A rész-feladatok (Targets) definíciója és kritériumai:

Target: Specific, measurable objective whose attainment will contribute in major way to achieving one or more goals

- Aspirational yet attainable
- Evident link between target and goal
- Speak to all relevant stakeholders
- Nationally relevant, adaptable
- Time-bound
- Evidence-, science-based
- **Adjustable:**
 - as science advances
 - if countries choose to raise level of ambition.

A „post-2015” globális fejlesztési rendszer kialakítása



Podcast a folyamatról Kőrösi Csaba
nagykövettel:

<https://open.spotify.com/episode/1aP8RLTb20EbLFQovJ2ylh>

Újszerű folyamat!

- Tagállamok nyílt munkacsoportja,
- 20 hónapos határidő
- Az ENSZ Közgyűlésnek tesz javaslatot
- A javaslat a post-2015 fejlesztési koncepcióba épül be

„Politikai kísérlet”:

- NYÍLT CSOPORT, NYÍLT FOLYAMAT
- TÉNY/TUDÁS-ALAPON
- TÁRSELNÖKÖK ÁLTAL VEZÉRELT
- EGYHANGÚSÁGRA/EGYETÉRTÉSRE TÖREKVÉS

ÚJSZERŰ CSOPORT-MEGOSZTÁS...

... és nagyfokú nyitottság

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Reconnect science and policy!

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- EGYHANGÚSÁGRA/EGYETÉRTÉSRE TÖREKVÉS

Csapdák, kihívások

- Politikai presztízs-játszmák (high-level report)
- Hatlmi játszmák, más folyamatok hatásai
- ENSZ belvillongás
- Mi tartozik a FF-hez? Mi járul hozzá?
- Mire is van az OWG-nek mandátuma? (Mol)
- Korai „zero draft”-ot – aztán alkudjunk meg!
- A rangsorolás tudománya (avagy mikor ér véget a diagnosztizálás?)
- Ki hallgat minket? (informális vs nyílt ülések)
- ☺ A labdarúgó VB... ☺

A Javaslat

- 31 téma előbb 21 fókusz-területre, majd 16+1 céllá sűrítve
- Kb.10 feladat együttes teljesülése valósít meg egy-egy célt
- A legtöbb feladat számszerű, mérhető
- Az ENSz OWG konszenzussal elfogadta 2014 július 19-én 13:20-kor

The Sustainable Development Goals

Goal 1. End poverty in all its forms everywhere

Goal 2. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

Goal 3. Ensure healthy lives and promote well-being for all at all ages

Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all

Goal 5. Achieve gender equality and empower all women and girls

Goal 6. Ensure availability and sustainable management of water and sanitation for all

Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all

Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Goal 10. Reduce inequality within and among countries

Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable

Goal 12. Ensure sustainable consumption and production patterns

Goal 13. Take urgent action to combat climate change and its impacts*

**Acknowledging that the UNFCCC is the primary international, intergovernmental forum for negotiating the global response to climate change.*

Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development

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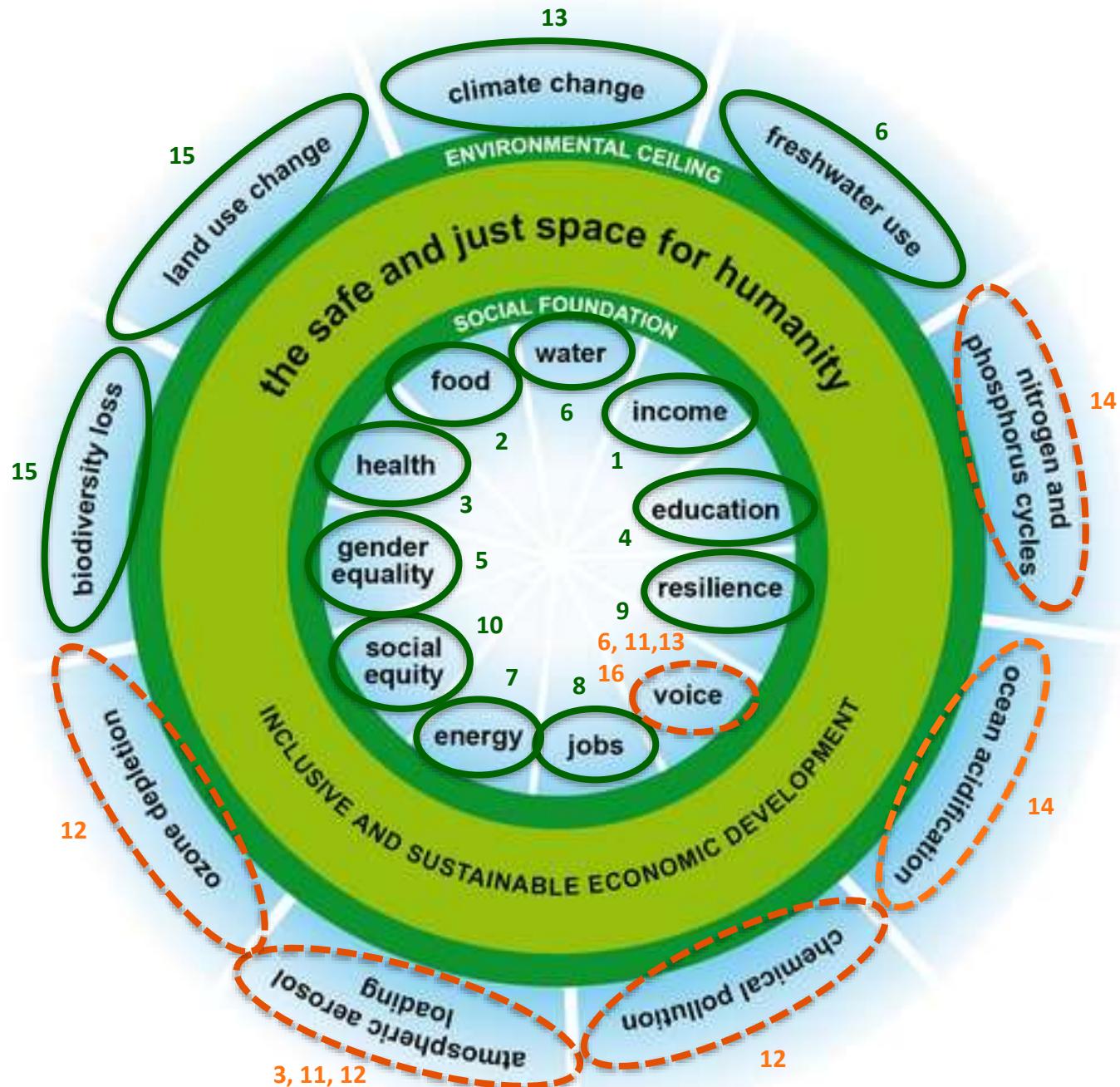
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Mapping the draft Sustainable Development Goals onto the doughnut

- Focus of a goal
- Included in targets



The General Assembly,

Recalling the outcome document of the United Nations Conference on Sustainable Development, entitled “The future we want”, contained in resolution 66/288 of 11 September 2012, which, *inter alia*, resolved to establish an inclusive and transparent intergovernmental process on sustainable development goals open to all stakeholders, with a view to developing global sustainable development goals to be agreed by the General Assembly,

Acknowledges the conclusion of the work of the Open Working Group on sustainable development goals, and *welcomes* its report issued as document A/68/970¹,

Decides that the proposal of the Open Working Group on Sustainable Development Goals contained in the report shall be the main basis for integrating sustainable development goals into the post-2015 development agenda, while recognizing that other inputs will also be considered in the intergovernmental negotiation process at the 69th session.

(New York, 2014. IX. 10.)

UN GA 2015:

„UN adopts new Global Goals,
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(<http://www.un.org/News/>)

Az OWG folyamat és eredménye tanulságai V.

- A politikai *elkötelezettség* felépítése időbe kerül:
késleltet
- A politikai *konszenzus* megteremtése „tartalomba” kerül:
„hígít”
- A tudomány szerepe sosem ér véget

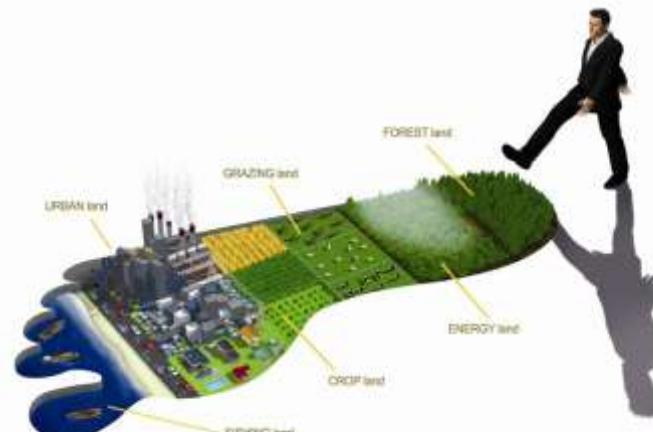


HOGY MŰKÖDIK A CÉLRENDSZER?

A „KLÍMA-CÉL”, MINT PÉLDA

Globális fenntarthatatlanság

Mi a fenntarthatatlan? A környezet
emberi fenntartó állapota!



$$I = P \times A \times T$$

$$I = f(P,A,T)$$

I impakt
(környezetterhelés)

P populáció (népesség
létszám)

A fogyasztás (affluence)

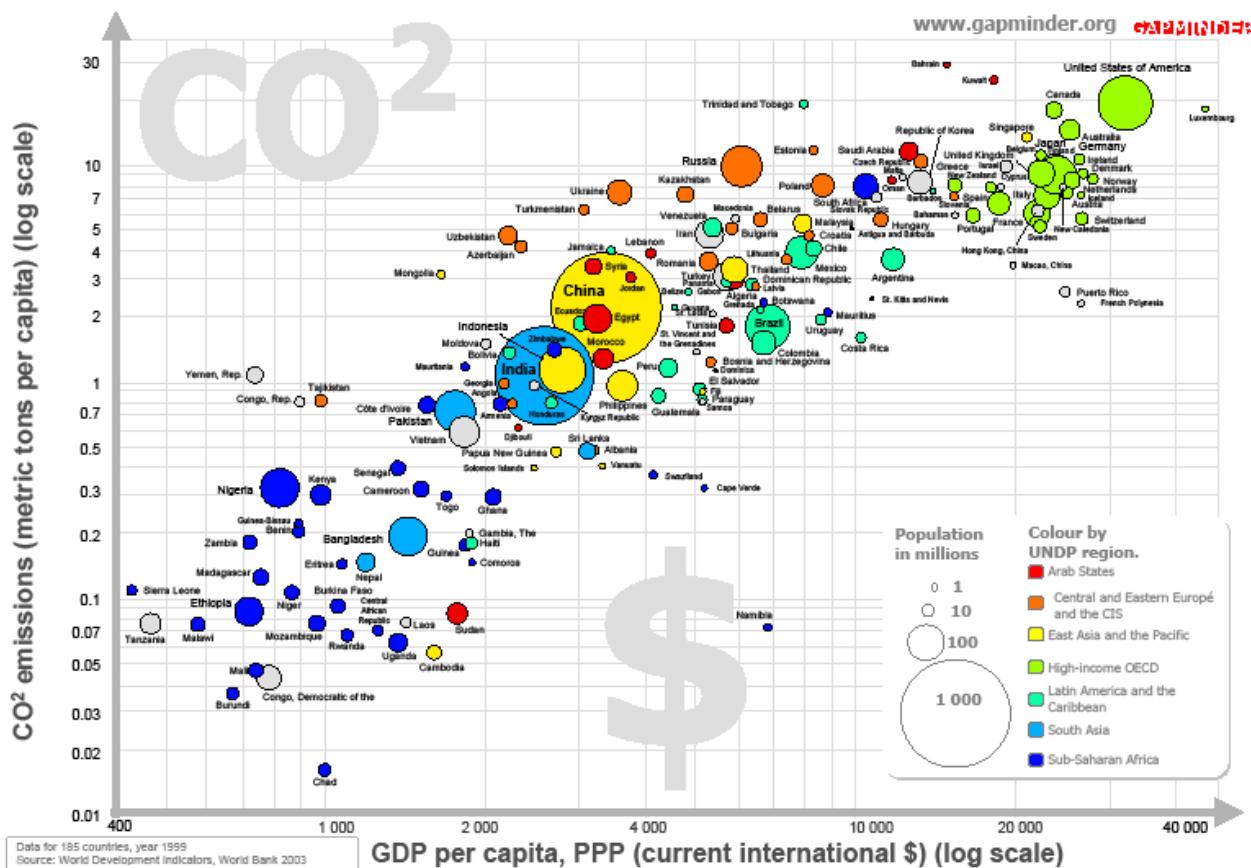
T technológia (környezeti
kár/GDP)

A CO₂ emisszió tényezői:

Iélekszám, fogyasztás, energiaigény (technológia)

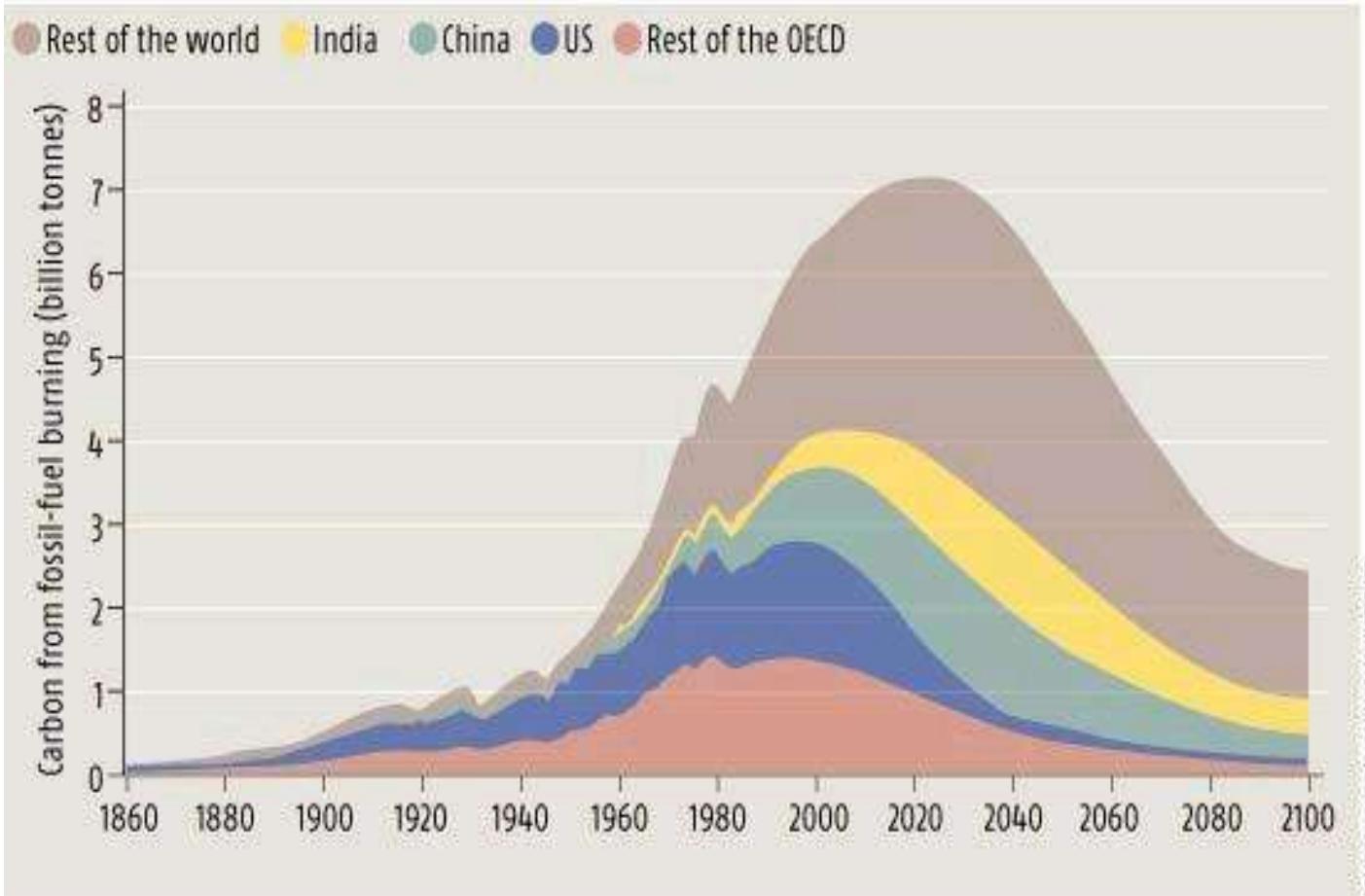
$$\text{CO}_2 = P \times A \times T$$

Fejenkénti CO₂ kibocsátás és jövedelem



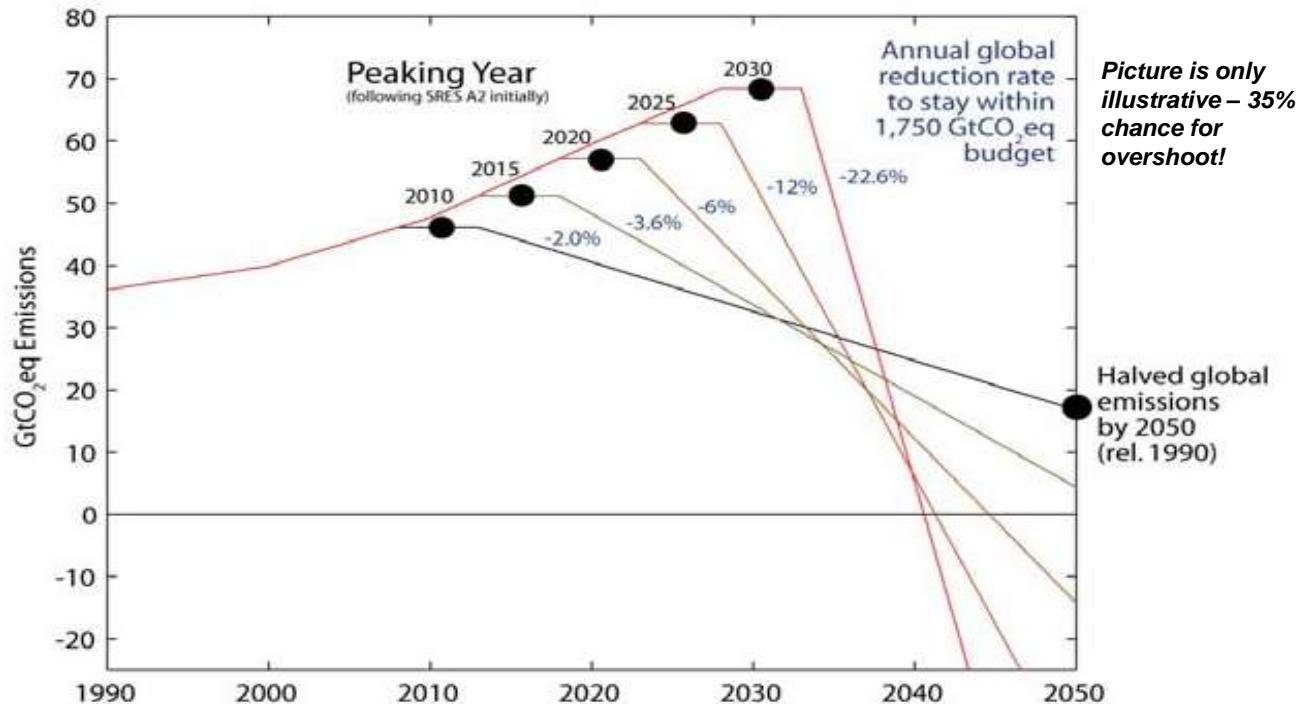
CONTRACTION & CONVERGENCE MODEL

Convergence (universal emissions target per person) achieved by 2050.
Contraction (falling global emissions) completed by 2100



SOURCE: GLOBAL COMMONS INSTITUTE

A késlekedés ára: egyre nehezebb a „pálya”!



Világunk átalakítása – a 2030-as fenntartható fejlesztési célok

1. Megszüntetjük a szegénység minden formáját
 2. ... megteremtjük az élelmezésbiztonságot és a fenntartható mezőgazdaságot
 3. Egészséges életet és jól-létet biztosítunk minden életkorban
 4. Biztosítjuk az esélyegyenlőséget és a minőséget az oktatásban...
 5. Elérjük a nemek közti egyenlőséget és helyzetbe hozzuk a lányokat és asszonyokat
 6. mindenkinél biztosítjuk a fenntartható vízgazdálkodást, és higiénikus tisztálkodást...
 7. mindenkinél hozzáférést biztosítunk megfizethető, megbízható, fenntartható, modern energiához
 8. elősegítjük a fenntartható gazdasági gyarapodást, és a tisztes munkát mindenki számára
 9. Állóképes infrastruktúrát, befogadó, fenntartható ipart teremtünk, és támogatjuk az innovációt
 10. csökkentjük az országok egymás közötti és az emberek államokon belüli egyenlőtlenségeit
 11. Befogadó, biztonságos, állóképes, fenntartható városokat, településeket alakítunk ki
 12. Biztosítjuk a fenntartható fogyasztást és termelést
- 13. Súrgősen fellépünk az éghajlatváltozás megállítása, a következmények elhárítása érdekében**
14. Óvjuk és fenntarthatóan használjuk az óceánokat, tengereket
 15. A szárazföldi ökoszisztemákat védjük és helyreállítjuk, fenntartható erdőgazdálkodást folytatunk, leküzdjük a sivatagosodást, megállítjuk és visszafordítjuk a talajok és a biodiverzitás pusztulását
 16. A fenntartható fejlesztés érdekében békés, befogadó társadalmakat alakítunk ki
 17. Megerősítjük a megvalósítás, végrehajtás eszköztárát, felélesztjük a globális együttműködést

Feladatok

- 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries
- 13.2 Integrate climate change measures into national policies, strategies and planning
- 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

Eszközök

13.a Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible

13.b Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities

Other targets addressing climate change (I.)

- 1.5 by 2030 build the resilience of the poor and those in vulnerable situations, and reduce their exposure and vulnerability to climate-related extreme events (...)**
- 3.d strengthen the capacity of all countries, particularly developing countries, for early warning, risk reduction, and management of national and global health risks**
- 4.7 by 2030 ensure all learners acquire knowledge and skills needed to promote sustainable development, including among others through education for sustainable development and sustainable lifestyles (...)**
- 7.2 increase substantially the share of renewable energy in the global energy mix by 2030**
- 7.3 double the global rate of improvement in energy efficiency by 2030**
- 7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in (...) clean energy technologies**
- 7.b by 2030 expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly LDCs and SIDS**
- 8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavour to decouple economic growth from environmental degradation (...)**
- 9.1, 9.a develop quality, reliable, sustainable and resilient infrastructure (...)**
- 9.4 by 2030 upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes (...)**
- 11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels**
- 17.14 enhance policy coherence for sustainable development**

Other targets addressing climate change (II.)

2.4 by 2030 ensure sustainable food production systems and implement resilient agricultural practices that (...) strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters, and that progressively improve land and soil quality

2.5, 2.a by 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels (...) increase investment, including through enhanced international cooperation, in (...) plant and livestock gene banks (...)

6.6 by 2020 protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

12.2 by 2030 achieve sustainable management and efficient use of natural resources

14.2 by 2020, sustainably manage and protect marine and coastal ecosystems (...) including by strengthening their resilience, and take action for their restoration,

14.3 minimize and address (...) ocean acidification

15.1 by 2020 ensure conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, (...)

15.2 by 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation by x% globally

15.3 by 2020, combat desertification, and restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land-degradation neutral world

15.4 by 2030 ensure the conservation of mountain ecosystems, including their biodiversity, (...)

**Az eredeti (szeptemberi)
FF Célrendszerben
mindösszesen 5 + 24 feladat
irányul, közvetlenül vagy oksági
láncokon keresztül közvetve,
a klímaváltozás elleni küzdelemre!**

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- Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development

A Párizsi Megállapodásban megadott feladatok: *TEENDŐK*

- PA 1. Hold the increase in the global average temperature well under 2°C above pre-industrial levels and pursue efforts to limit the temperature increase to 1.5°C
- PA 2. Aim to reach global peaking of GHG emissions as soon as possible, and undertake rapid reductions thereafter in accordance with best available science, so as to achieve a balance between anthropogenic emissions by sources and removals by sinks of GHGs in the second half of this century, on the basis of equity, and in the context of sustainable development and eradicating poverty.
- PA 3. Increase the ability to adapt to the adverse impacts of climate change, foster climate resilience, and reduce vulnerability, following a country-driven, gender-sensitive, participatory and fully transparent approach, based on and guided by the best available science.
- PA 4. Avert, minimise, and address loss and damage associated with the adverse effects of climate change, enhancing understanding, action and support, including through the Warsaw International Mechanism.
- PA 5. Co-operate in taking measures to enhance climate change education, training, capacity building, public awareness, public participation, public access to information
- PA 6. Set up the expert-based committee established under the Paris Agreement to serve as a mechanism to facilitate the implementation of and compliance with the provisions of the Agreement in a transparent, non-adversarial and non-punitive manner.

A Párizsi Megállapodásban megadott feladatok: *ESZKÖZÖK*

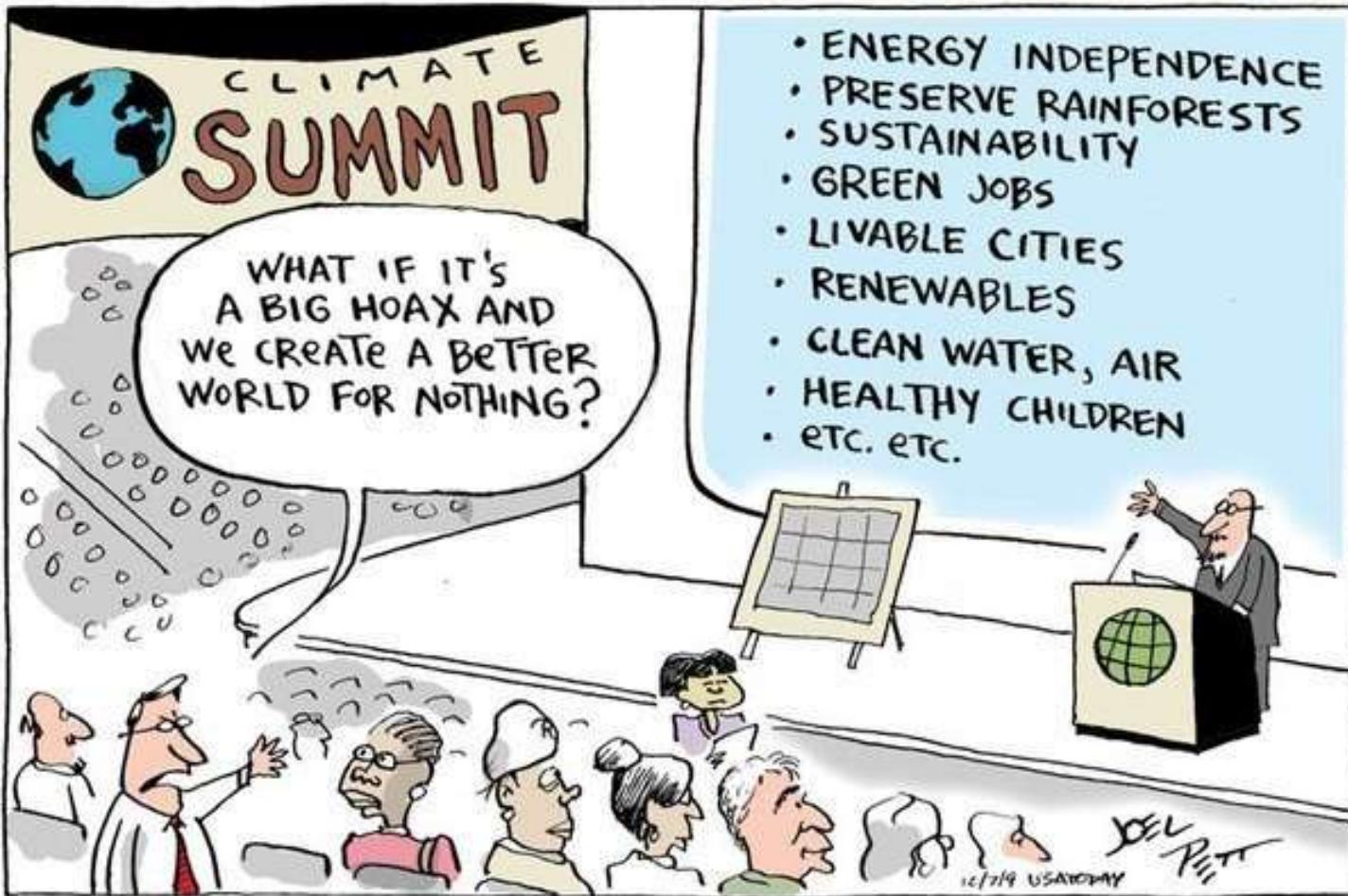
(Mol)

PA i. Make finance flows consistent with a pathway towards low GHG emissions and climate resilient development.

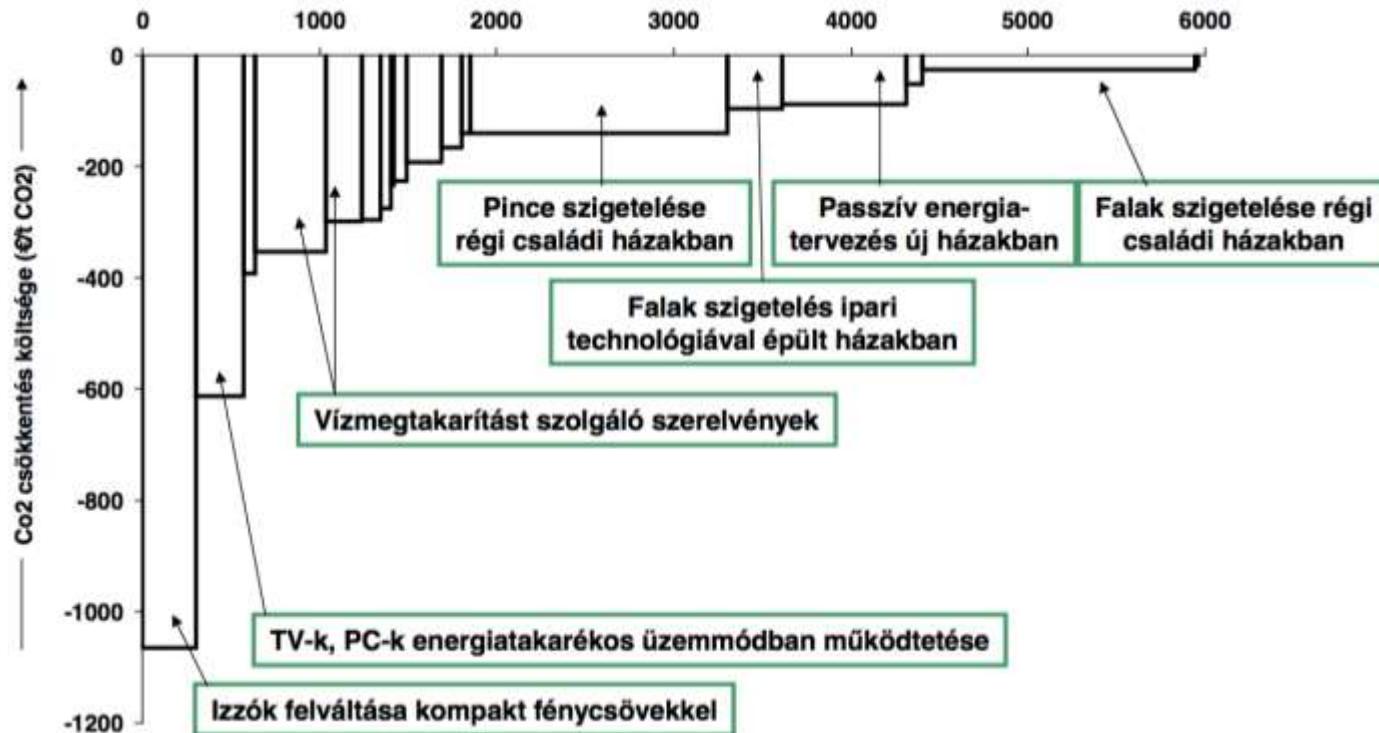
PA. ii. Developed country Parties shall provide financial resources to assist developing country Parties with respect to both mitigation and adaptation; other Parties are encouraged to provide such support voluntarily.

PA iii. Prepare and communicate clearly and transparently nationally determined contributions, and pursue domestic mitigation measures to achieve the objectives of such contributions.

PA iv. Parties may choose to pursue voluntary cooperation in the implementation of their NDCs to allow for higher ambition in mitigation actions.



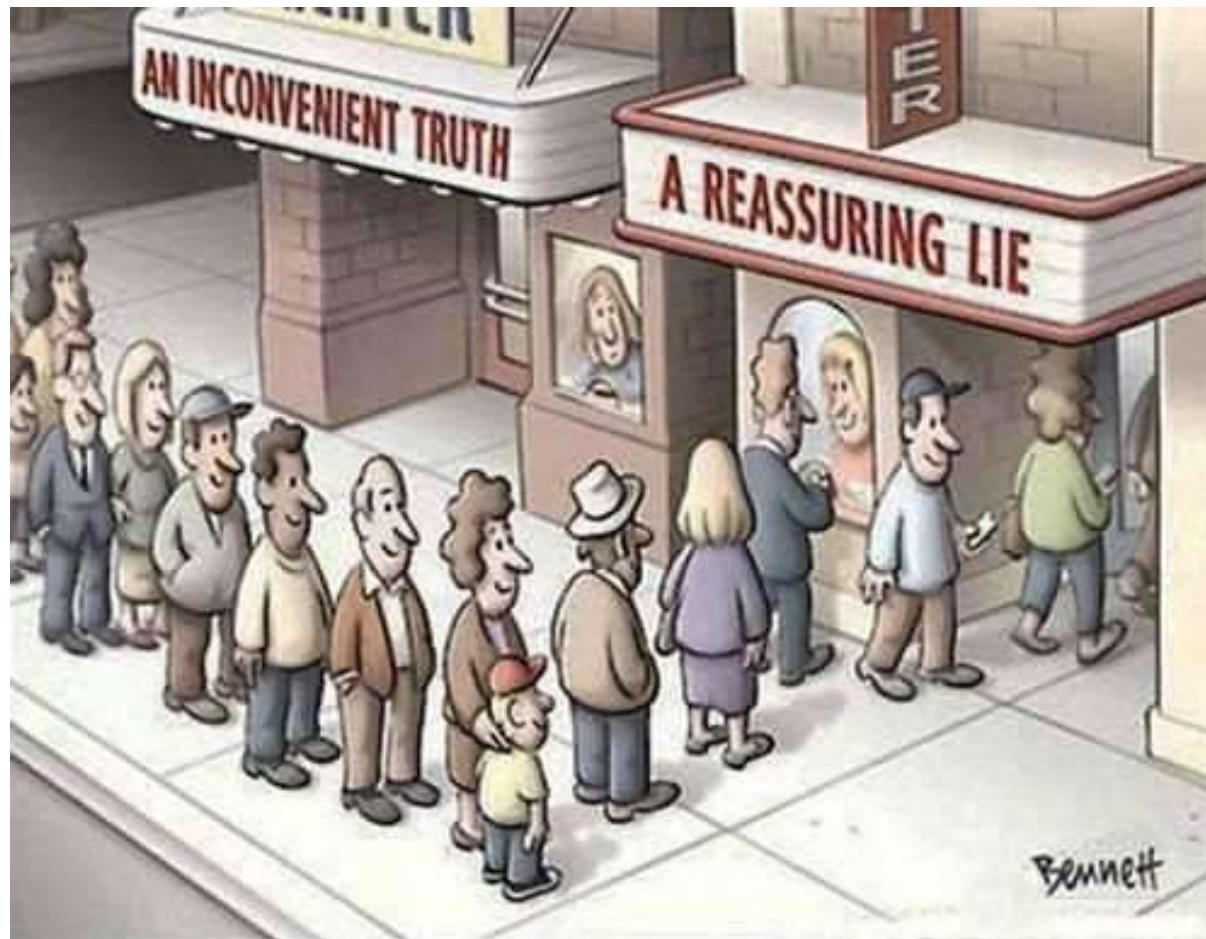
Dekarbonizáció Magyarországon



Ürge-Vorsatz, Novikova 2008: A magyar lakossági épületek CO₂ kibocsátás csökkentési és megtakarítási lehetőségei

“The fundamental goal or purpose of
a good economy is
to steadily improve the wellbeing of
all people,
now and in the future,
with due regard to equity,
within the constraints of nature,
through the active engagement of all its
participants.”

*Consensus definition of the 300 participating business leaders of the 16
conferences of the Sustainable Economy Dialogue, Cambridge University
Programme for Industry, 2003-6*

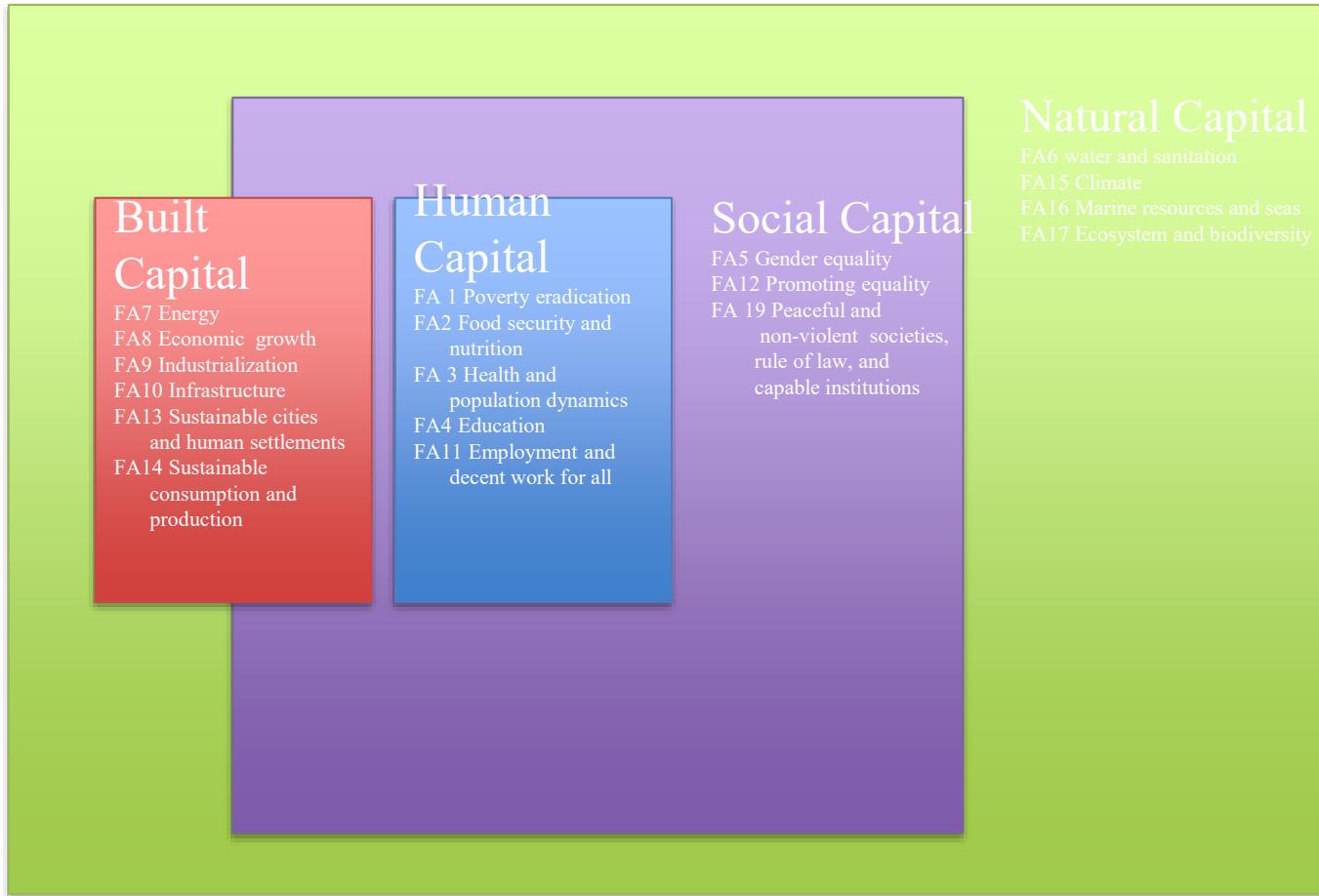


A VÉGREHAJTÁSRÓL

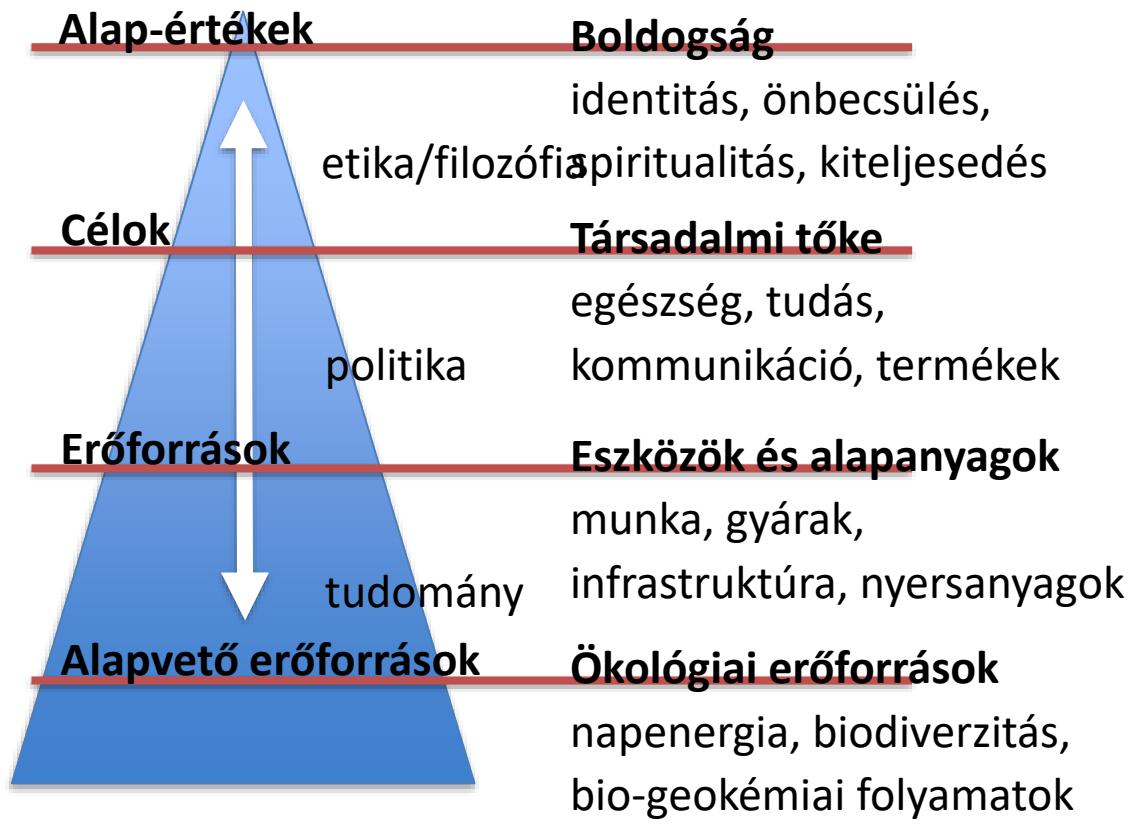
Alapelvek

1. A problémáknak van objektív hierarchiája
2. A változóknak van objektív hierarchiája
3. Léteznek különlegesen hatékony beavatkozási pontok

A négy tőkefajta hierarchiája

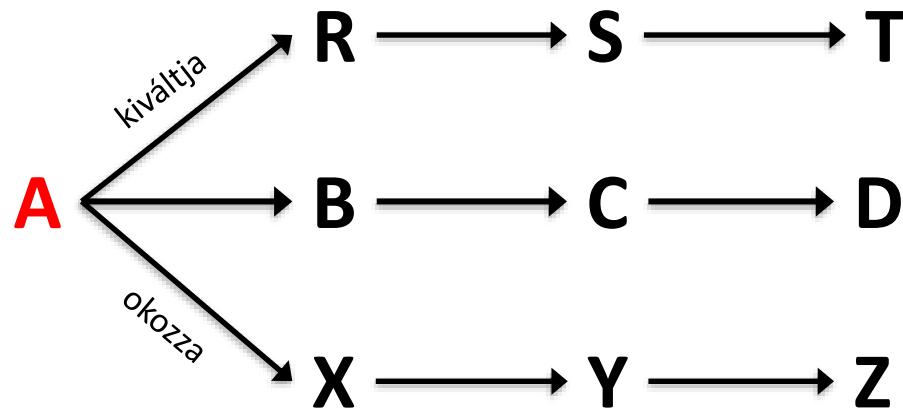


a problémák hierarchiája

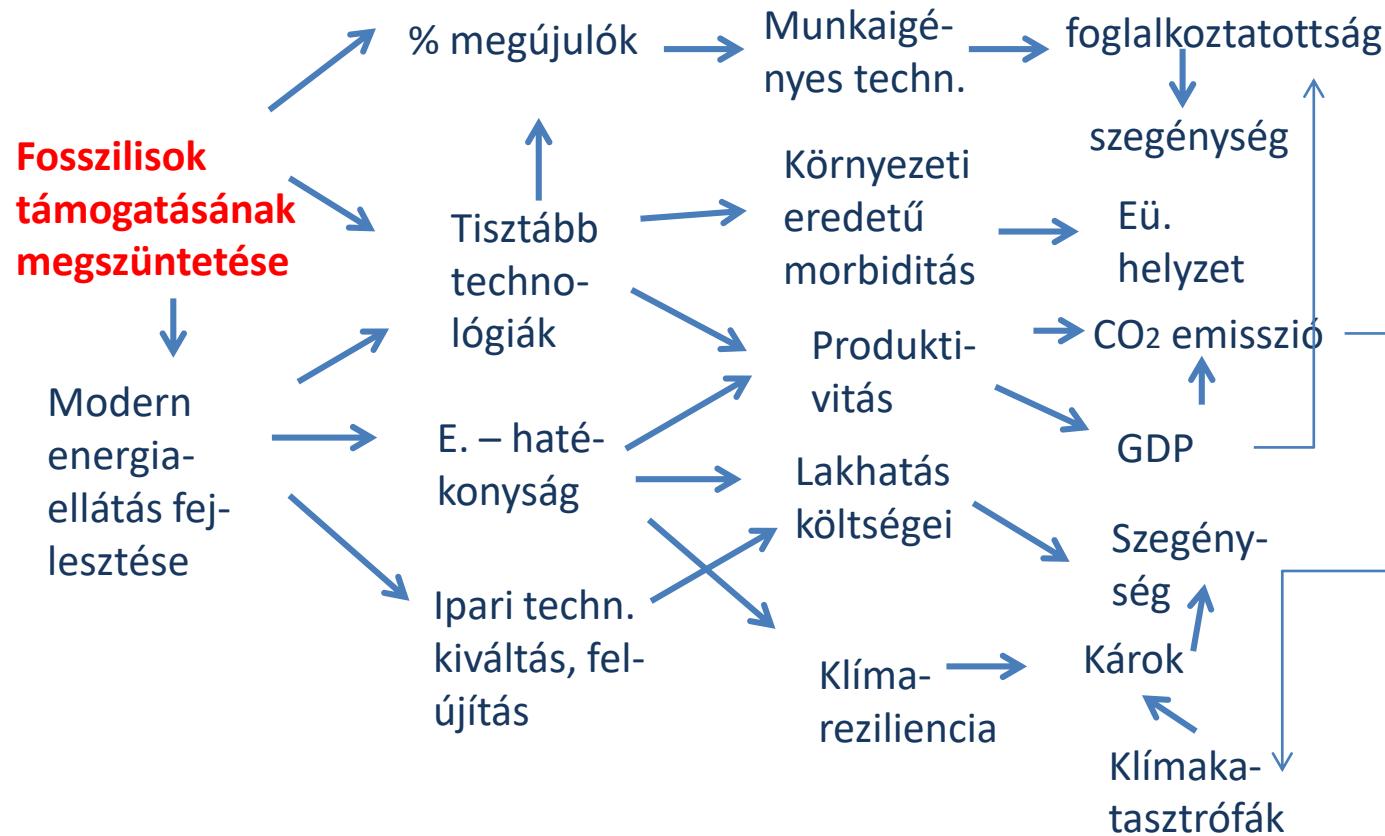


(ASEF 2014)

Többszörös következmény („lavina”)



„Lavina” az energiapolitikában



Fosszilis energiahordozók támogatása



