



"So, who are You exactly, my dear audience?"



#### Wealthy Households



- Affluent Modern Households
- Elite Suburbia
- Suburban Riches
- Wealthy Established Executives
  Retired Connoisseurs



#### Modest **Communities**



- Start-up Couples and SinglesWorking Class Suburbia
- Mature Neighborhoods
- Working Towards Retirement
- Aging Urban DwellersModest Retirement



#### **Stretched** Households



- Low Income Urban Residents
- Students and SinglesEnterprising HouseholdsHard Up Seniors



How diverse is our conversation today?





# WHAT IS THE EUROPEAN OF DREAM?

Survey on European Dreams 2019 for the Future of Europe









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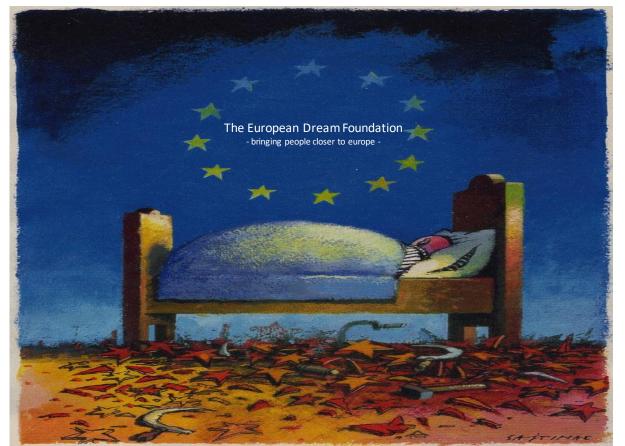
Financial: greater financial security and free time - low faith in hard work - want to earn twice as much - dream to retire at 60 – instable pensions

Environment: worry for future generations - about climate change and migration – growing social inequality in southern Europe

Political: democracy wins by knock out - both national governments as EU need to lead us - taxes to be spend on healthcare, pensions and education

Belief: freedom, dignity, solidarity & equality prevail above competition and performance - we rely on ourselves - our own country is the best -

most optimistic are young pro-EU Urban male inhabitants, most pessimistic founding EU countries







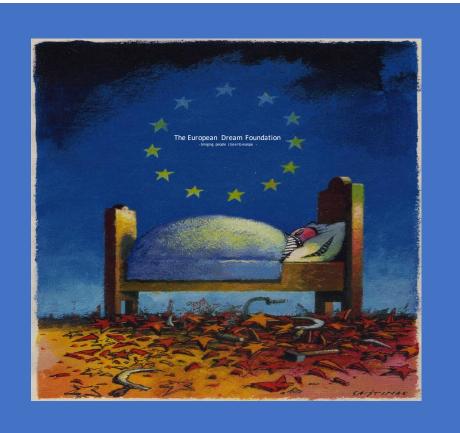






What hinders us to live our European dream?







FINANCIAL

Lets Start with understanding any financial crisis







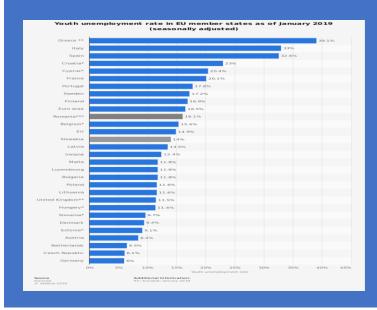




#### Remember The 2008 Financial Crisis

triggered by bankers and governments but it were consumers like you and me who were spending by lending.

# Youth Unemployment







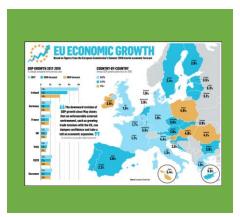


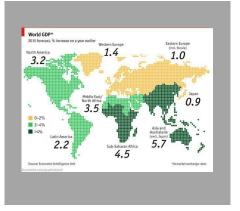


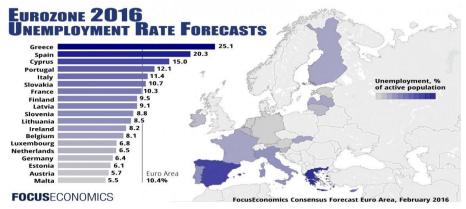
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11%

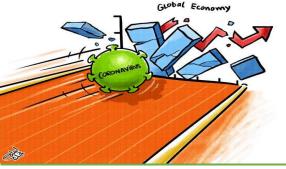


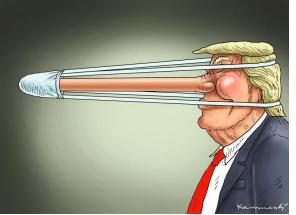




In 2019, average Economic growth is back (2%) youth unemployment still extremely high

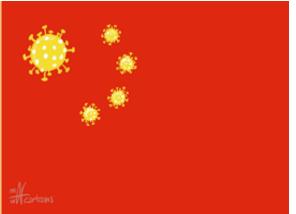






## and then there was Corona.....

meet biological disruption!





WHILE THE ECONOMIC SHOCKS FROM THE WAR IN UKRAINE WILL BE FELT ALL OVER THE WORLD, THE RUSSIAN ECONOMY IS FORECAST TO CONTRACT BY ABOUT 10% THIS YEAR — WORSE THAN AFTER THE 1998 FINANCIAL CRISIS.

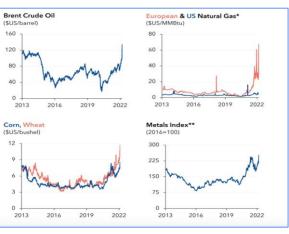
Source: Pavel Muravev / Alamy Stock Photo



Corona Out...
War In .....

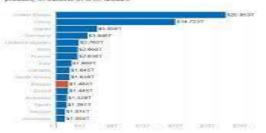






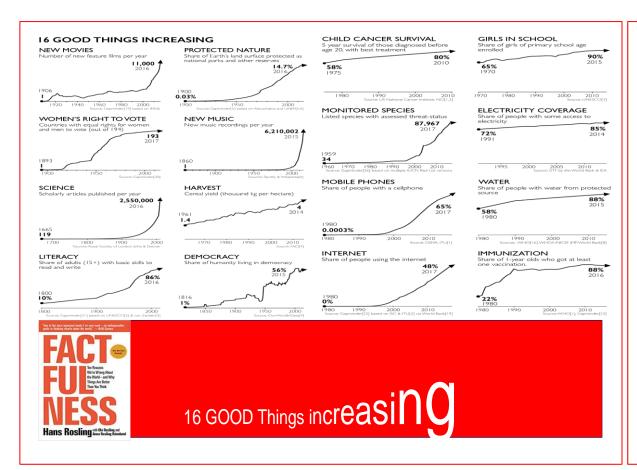
#### Russia has the world's 11th-largest economy

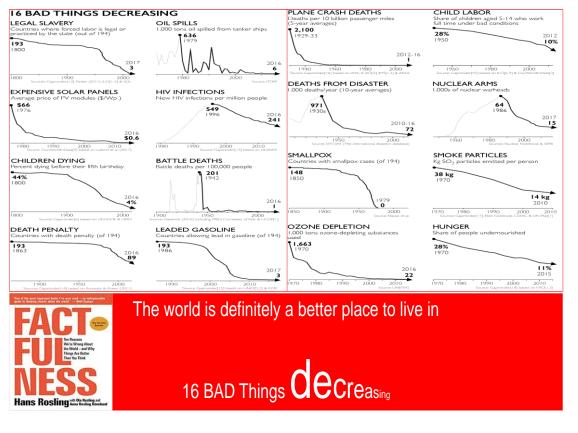
Chart shows the world's largest economies by grass deliverstic product, in tritions of U.S. distant



Source: Print David

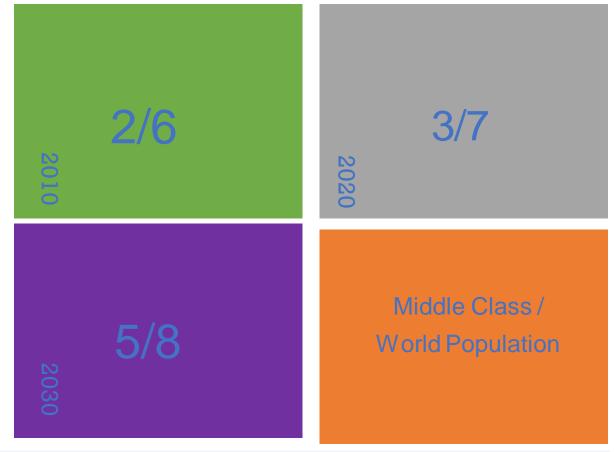


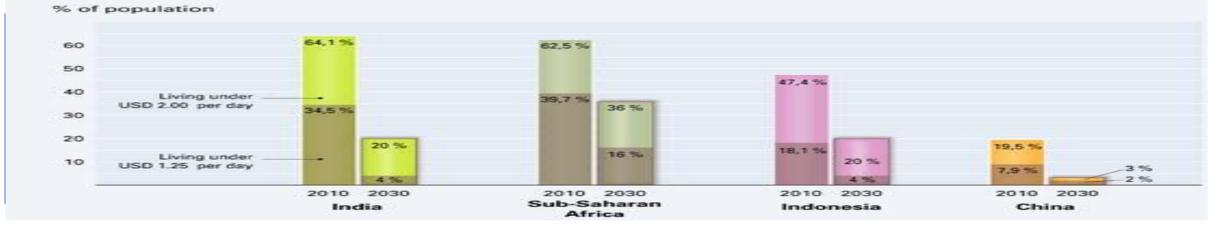


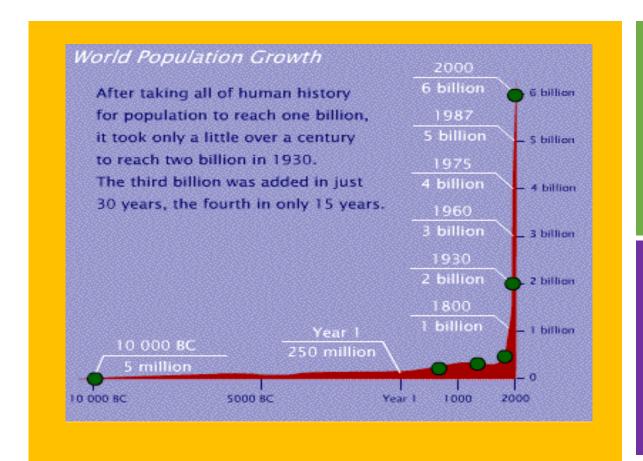


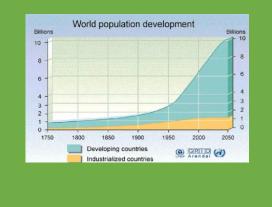
Every day the world becomes a better place to live!

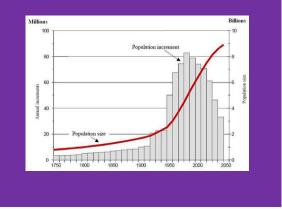
in 2030
the middle class
will for the first time in history
overscore the poor class
creating a tremendous amounts
of wealth consumers

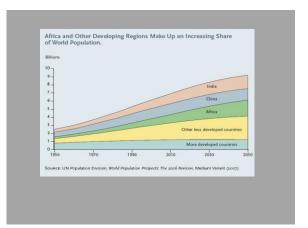


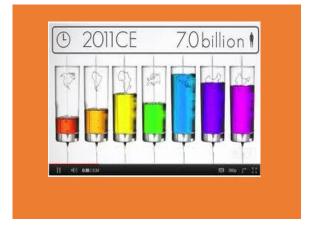












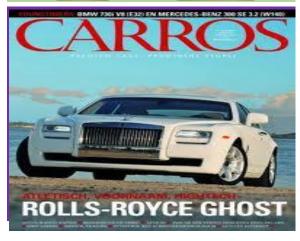
Yes,

The outlook for Economic growth is bright:

in 2050 we'll have 10 billion consumers











10 Billion consumers

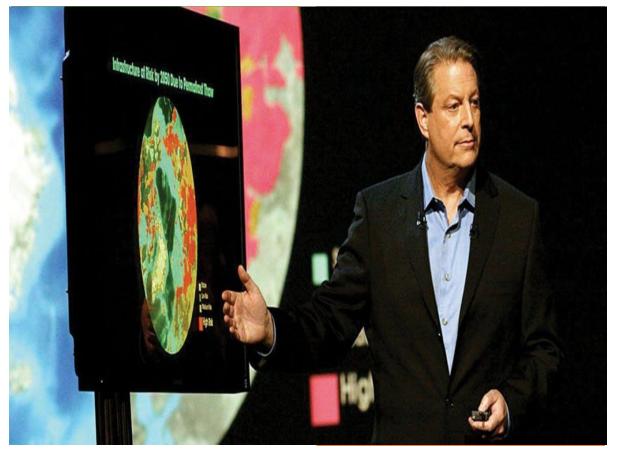
eager to live our modern lifestyle





but, overcoming the financial crisis, created an ecological Crisis





Which year was this film released?

#### 10 billion consumers

demand

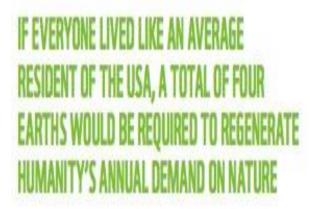
water, food and energy

delivered

by 2.5 planets earth

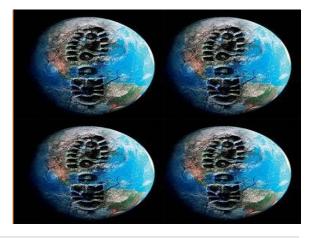
http://www.worldometers.info/nl/

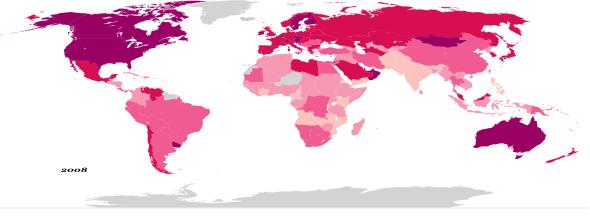
Source WWF



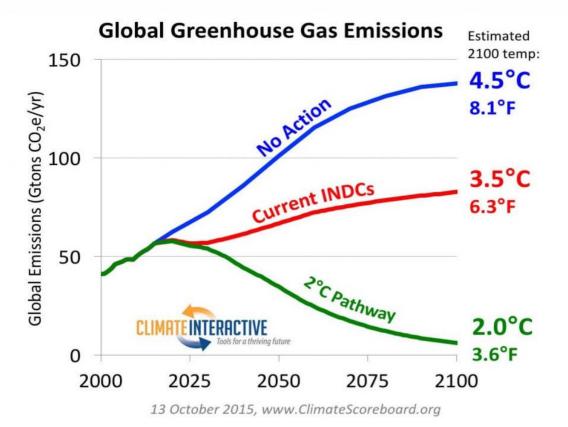
1.5 YEARS
TO GENERATE
THE RENEWABLE
RESOURCES USED
IN 2008

BY 2010, EMISSIONS OF CO2 FROM FOSSIL FUELS HAD RISEN TO THE HIGHEST LEVEL IN HISTORY









PARIS 2015 after 7 years we are still on a 3.5 scenario....



#### CLIMATE

The EU will be climate neutral in 2050.

The Commission will propose a European Climate Law turning the political commitment into a legal obligation and a trigger for investment.

Reaching this target will require action by all sectors of our economy:

#### **ENERGY**

Decarbonise the energy sector



The production and use of energy account for more than —75% of the EU's greenhouse gas emissions

#### BUILDINGS

Renovate buildings, to help people cut their energy bills and energy use



40% of our energy consumption is by buildings

#### INDUSTRY

Support industry to innovate and to become global leaders in the green economy



European industry only uses 12% recycled materials

#### MOBILITY

What will

we do?

Roll out cleaner, cheaper and healthier forms of private and public transport

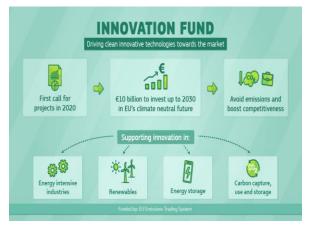


Transport represents
25%
of our emissions











# The latest plan to reduce CO2, part of the EU Green Deal

Will we succeed this time?

+ 2%

OF THE GLOBAL GDP

Source: International Enegery Agency / IPCC / bit.ly/2-percent-more



#### To compare:

- In 1945 the USA spend 36% GDP to end World War II
- In 2008 the USA spend 3.5% GDP to save banks to big to fall
- In 2020 14% of the Global GDP was spend on COVID support
- Yearly 2% GDP spend on Military

# 95 Trillion USD (95.000.000.000)

Global GDP 2022



What are the additional costs to reach the Paris Goals?

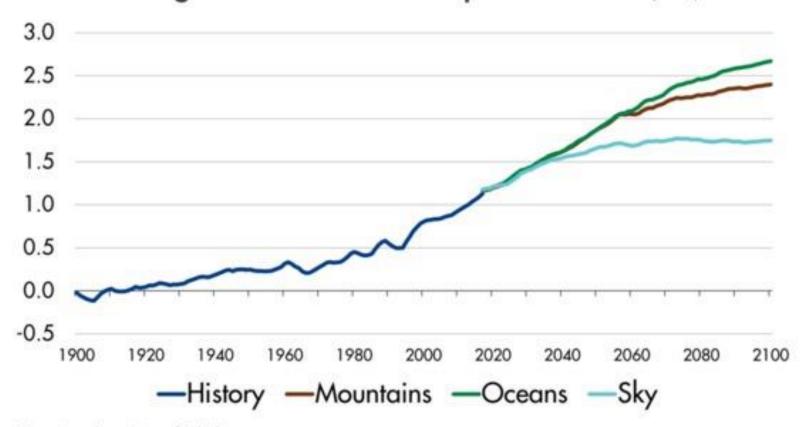


YNHARARI.COM

## Sky Summary: The Paris goal is achieved

MIT assessment of climate impact

### Average world surface temperature rise (°C)



Source: Massachusetts Institute of Technology Capyright of Shell International B.V.

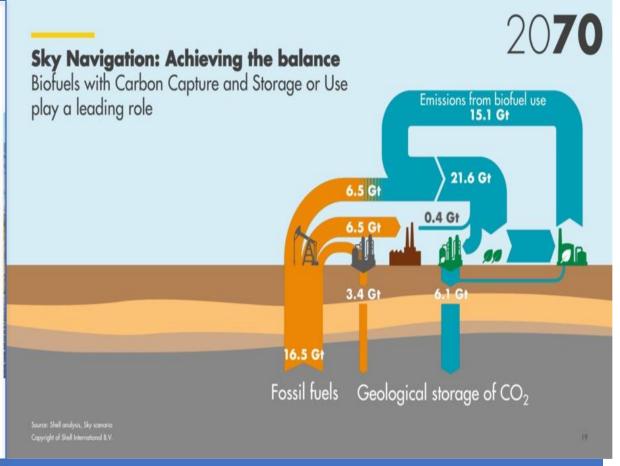




AN OVERVIEW

Reforestation can be a further game changer to push to the stretched 1.5°C ambition of the Paris Agreement.

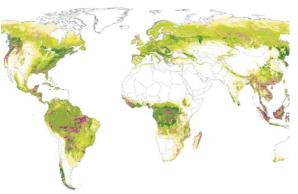
#### **Sky Navigation: The Renewables Chart** The major sources of primary energy from the 2050s World Total Primary Energy by Source, EJ/year 1200 Wind Solar 1000 EJ / Year (Energy Source) Geothermal ■ Biomass - Traditional 800 ■ Biomass & Waste Biofuels ■ Hydro-electricity Nuclear ■ Coal ■ Natural Gas Source: Shell analysis, Sky scenario Capyright of Shell International B.V.



SHELL developed a 2070 scenario called Sky
which limits temperature increase to 2 degrees

Nuclear, Oil, Coal and CO2 Storage are part of this scenario,











# Planting Trees is an available - slow - technology to capture CO2

Earth's forests absorb <u>16 billion metric tons of CO<sub>2</sub> annually</u>,
Forests also emit 8.1 billion tons back to the atmosphere.
Forests absorbed a net amount of 7.6 billion tons of CO<sub>2</sub> by roughly

 $\label{eq:Which is a fifth} Which is a fifth \\ of the 36 billion tons of CO_2 emitted by humans in 2019.$ 

# 10 billion people eager to live to the max will only consume less with global taxation of CO2 emissions

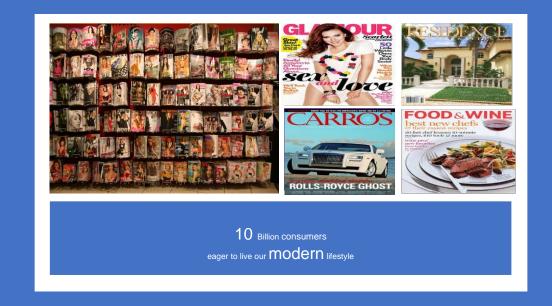
Current rate of CO2 tax: 3 USD per ton

#### Proposal of the IMF:

25 USD per ton - Poorest Countries

50 USD per ton - Developing countries

75 USD per ton - Richest countries



no action will lead in 2100 to a yearly global GDP damage of roughly 7 - 37%











An illustration of the temperate rainforest that thrived in West Antarctica about 90 million years ago, when dinosaurs still walked the Earth. (Image credit: J. McKay/Alfred-Wegener-Institut; Creative Commons licence CC-BY 4.0)

There were 5 previous mass distinctions the earth will for sure survive a 6th, with or without humankind

Today 90% of all Earth Ice is on Antartica in a 3 km thick icepack, but 90 million years ago west antartica was covered with tropical rainforests

To conclude, Global Warming is a reality, the EU Green Deal has the right ambition, it is possible to meet the 1.5 C target, it only costs 2% of the GDP

if we dont succeed, it is not the end of the world, but a huge step backwards in evolution



# KNOW how to solve the climate crisisis for many years

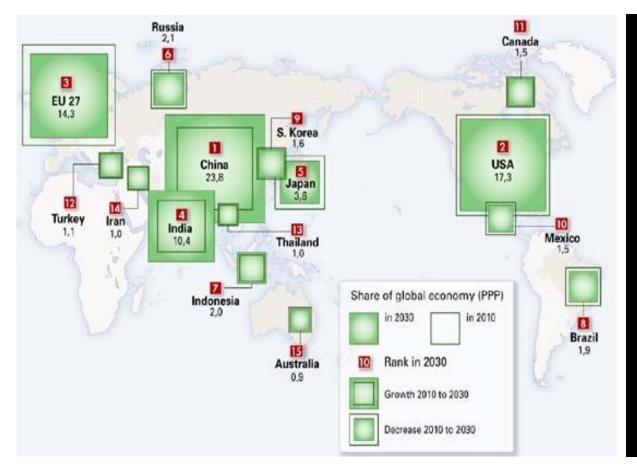
why don't we Succeed?

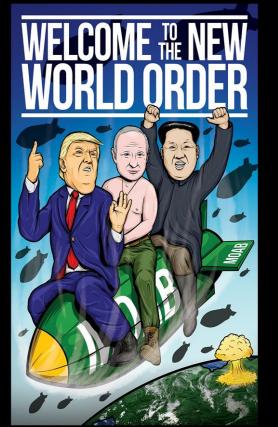




POLITICAL CRISIS

# The world & Europe have a political crisis do we?









Welcome to the new wrold order:

In 2030 Europe's share in world economy will shrink to 14 %, still relevant BUT number 3 after China (1) and the USA (2)

# In the Age of Globalization

The World is politically more diverse than ever before

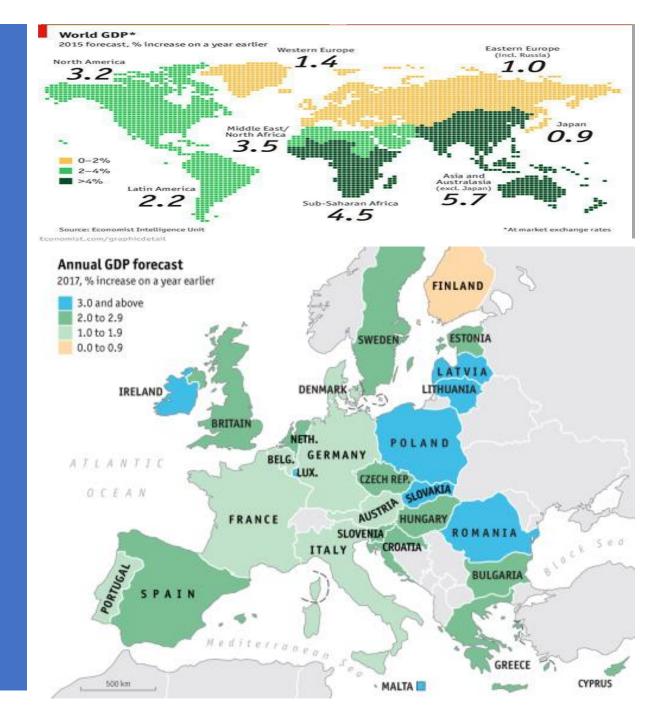
International EU Diplomacy is therefore more needed than ever before



China, Russia, Turkey, Saudi-Arabia globalized, kapatilized, but hardly democrized

# From 2014 to 2019, Europe, had economic growth,

how did the EU citizens perceive this?

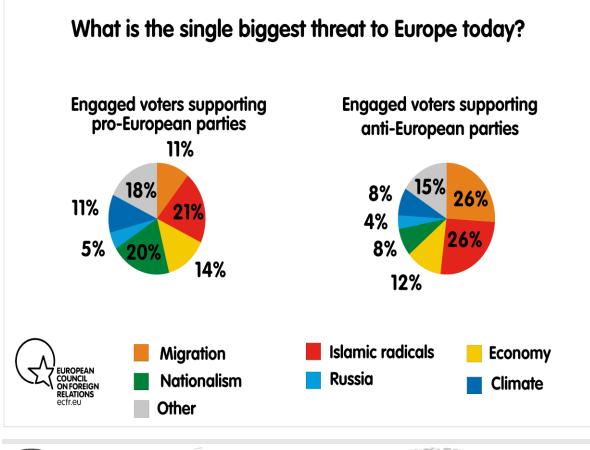


#### Climate

is not the biggest threat for Europeans.

nor Economy

Migration is...





















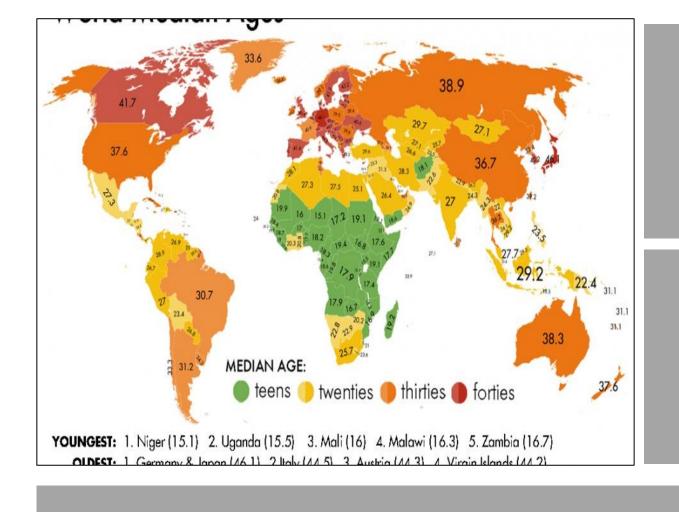








an effective Immigration Policy is conditional for an effictive Climate Policy



INDIA 27

**USA 38** 

CHINA 37

EU 43

## EUROPE has become the Eldery Home of the world

we can and need to absorb immigrants in a predictable and manegeable way also given the large labor shortages to come around 2030









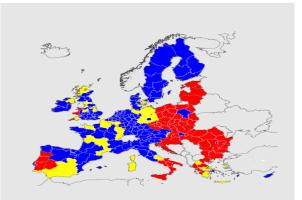


The EU and national governments needs to promote their successes in a much more effective way

immigration should be a top priority to fight populism & brexism











Top 3 achievements of the EU are Peace, Freedom and Internal Market

## Top 20 EU Achievements 2014 - 2019

Re-Invest EUR 392 B

EFSI 2014 - 2019

+ 1.5 M Jobs

growth stimulation

EUR 35 B

Saving Greece

-40% CO2

by 2030 Paris

25 M Tons Plastics

Ban some Plastics

**EUR 1.5 B** 

Trade Agreement
Japan Canada

EU - US

new trade statement

-90% refugees

2018 vs 2015 Turkey Statement

+ 1600 EU border guards

10.000 by 2027

l Digital Internal Market

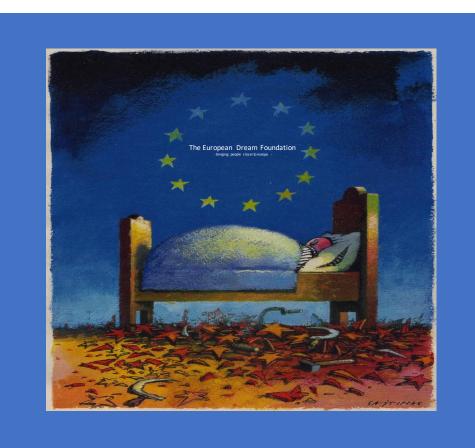
EUR + 1.5 B

Defense Harmonization

> 180vs30 EUvsUS weapon systems

Gas Directive
EU prosecutors
End of Roaming
EU fines EUR 8.4 B
North Macedonie
Citizen Initiatives



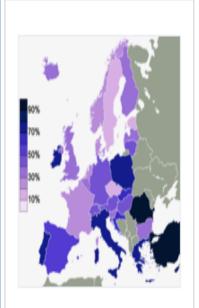


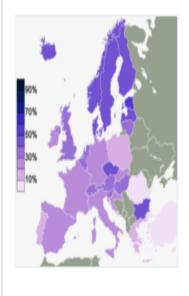


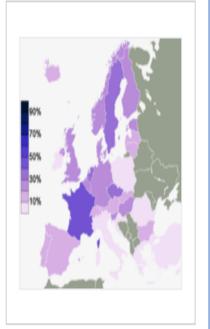
### What do we actually belief today?

"Gott ist Tot" Friedrich Nietze, Also sprach Zarathusta in 1889



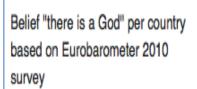








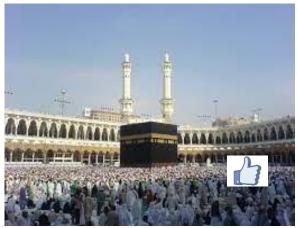




Belief "there is some sort of spirit or life force" per country based on Eurobarometer 2010 survey

No belief in "any sort of spirit, God or life force" per country based on Eurobarometer 2010 survey





### "In God we trust"

becomes a minority in Europe, so what do we believe?

Freedom of speech	Freedom of religion		Justice
Good Governance	Europe define values in wh	Good Citizenship	
Economic Growth		Sustainability	Your Opinion

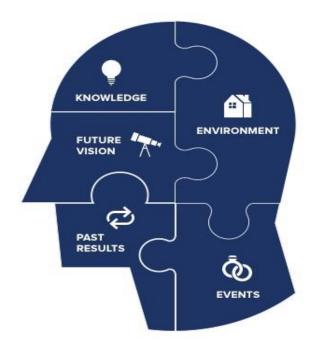
# OPEN SOCIETY



"Open Minded and Closed Minded are the new Left and Right"
Tony Blair



### WHERE DO YOUR BELIEFS COME FROM?







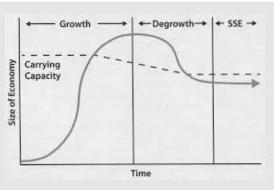


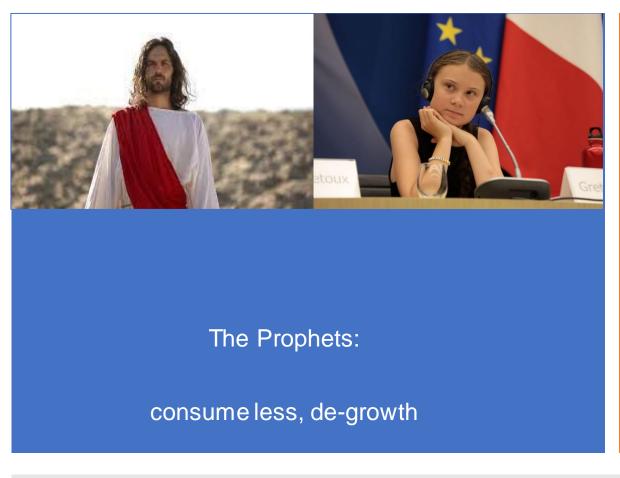


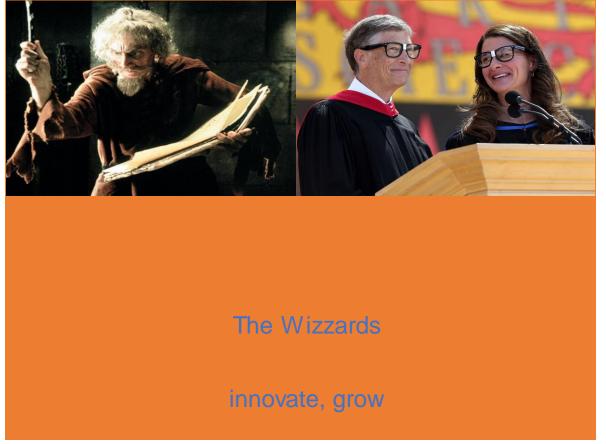
(Social) Media has become a main driver of what we believe which is a tremendous opportunity to change mass behaviour



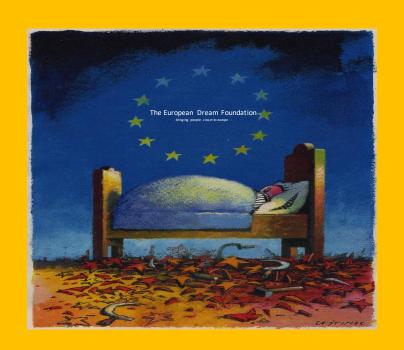
"A less is more" belief can be seen as a summary for all de-growth scenario's of environmentalist's







## There are roughly 2 visions how to solve climate challenges they don't conflict, we can embrace them both



A European Dream for the 2030's



Spiritual: embracing a "Less is More" belief will buy us time to meet 1.5C

Political: a stable and open EU are conditional for a successfull EU Green deal, incl. global CO2 taxation

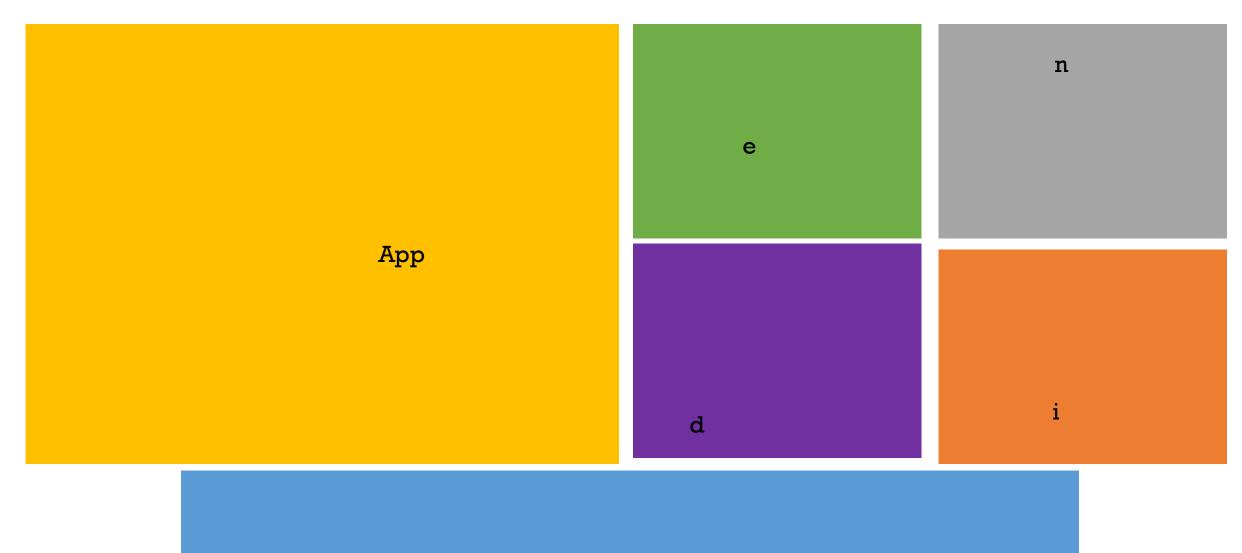
Ecological: limiting global warming to 1.5C is still possible if we make huge steps in this decade

Economical: economies will grow and finance innovations for energy transitions

# To conclude: how to build your own European dream?

\*

- 1. Update your belief continiously, preferable with a "Less is more" mentality
- 2. Defend the "open society" values within the EU
- 3. Use your freedom of speech: join discussions at Digital Media about European challenges
- 4. Calculate your own CO2 food print on <a href="https://eplca.jrc.ec.europa.eu/ConsumerFootprint.htm">https://eplca.jrc.ec.europa.eu/ConsumerFootprint.htm</a>
- 5. Build yourself an opinion on Nuclear Energy, CO2 storage and CO2 taxes
- 6. Work hard to stimulate economic growth and innocations
- 7. Continue to enjoy life in the best part of the world: Europe
- 8. Come to visit the EU: listen, learn and discuss with European colleagues and politicians



## WHAT IS THE **EUROPEAN** DREAM?

Survey on European Dreams for the Future of Europe









own country is the best, more financial security, more free time, worries for future generations, low faith in hard work and entrpreneurship, rely on themselves, democracy wins by knock out, biggest issues are climat change and immigration, both national governments as the EU needs to lead us, taxes should be spend on healthcare, pensions and education, a Universal Basic Income is far from wanted, we want to earn twice as much and dream to retire at 60

#### **CHAPTER 1. DREAMS FOR THE BEST LIFE**

Assessed on a global scale, our survey shows that Europe is still the best place to live. The most popular country was the respondents' own. Residents of wealthy EU14 countries were roughly twice as likely to select their own country than their poorer counterparts. The single most popular European country was Switzerland, followed by Germany and Nordic countries. Non-European countries to top the list included the United States, Canada and Australia.

#### **CHAPTER 2. DREAMS FOR HAPPINESS**

Greater financial security and free time were the keys to happiness. Although the majority chose more financial security, the relative importance of this choice appears influenced by their country's macroeconomic status. Instead of the rate of growth, living standards appear to explain citizen's level of satisfaction with their financial security. The EU14 also showed a preference for spending more free time with their families.

#### **CHAPTER 3. DREAMS FOR FUTURE GENERATIONS**

The EU14 have a surprisingly bleak view of quality of life for future generations. Only one in four believe that future generations will have a better life than their own. One third believe that quality of life will be worse. The optimists are more likely to be young, religious, pro-European Union, a resident of their country's capital and male. Citizens from founding European Union countries emerged as the most pessimistic.

#### **CHAPTER 4. DREAMS FOR ACHIEVEMENT**

The survey indicated alarmingly low faith in hard work and entrepreneurship. Instead, luck appeared to play an outsized role in making or breaking the European dream. Central and Eastern European countries with high gross domestic product (GDP) growth appear far more positive about the promise of work and entrepreneurship than Europe's historically rich economies such as Germany or the United Kingdom.

#### **CHAPTER 5. DREAMS FOR SUPPORT**

In the pursuit of their dreams, where do the EU14 look for support? A clear majority rely on themselves. Very few presume to receive help from the government and even less from trade unions, multinational companies, political parties or NGOs. Central and Eastern Europeans appeared more self-empowered than the EU14 average. Residents of capital cities tend to perceive the European Union as more important than residents of smaller municipalities.

#### **CHAPTER 6. DREAMS FOR DEMOCRACY**

The founders dreamed of a democratic Europe, united around fundamental values from freedom and dignity to equality and rule of law. Is this a dream that still resonates with the EU14? Overall, our survey shows yes. Democracy won by knockout. Solidarity and equality were also far more popular than competition and performance. Europe's family-friendly character was readily apparent. Yet the preference - however slight - for homogeneity over diversity and security over freedom are worrying trends for Europe's liberal values.



#### **CHAPTER 7. DREAMS UNDER THREAT**

The EU14 believe that climate change and migration are the biggest issues for Europe over the next 10 years, threatening their dreams for a brighter tomorrow. There was no country in our survey where climate change was not amongst the most important concerns. Whilst low levels of pay and pensions primarily concerned the Spanish and the Hungarians, growing social inequality was most worrisome to those living in Southern Europe.



#### **CHAPTER 8. DREAMS FOR LEADERSHIP**

The EU14 are highly divided on whether European institutions or national governments should determine the future of Europe. The share of those who support the European Union in a leadership role was just as high as the ratio of respondents who thought the same about their national governments. Whilst there were no decisive winners or losers, respondents did appear to agree on giving citizens greater say in political decision-making. In comparison, very few respondents wanted political parties, trade unions or NGOs to lead on their behalf.



#### **CHAPTER 9. DREAMS FOR TAXPAYER MONEY**

Where do citizens want to see their national governments invest more taxpayer money? The short answer is social policy, especially healthcare, pensions and education. There is near universal consensus in Central and Eastern European countries that their respective healthcare systems need public investment. The majority of Swedish and German citizens want their government to spend more on pensions. This shows that

#### **CHAPTER 10. DREAMS FOR UNIVERSAL BASIC INCOME**

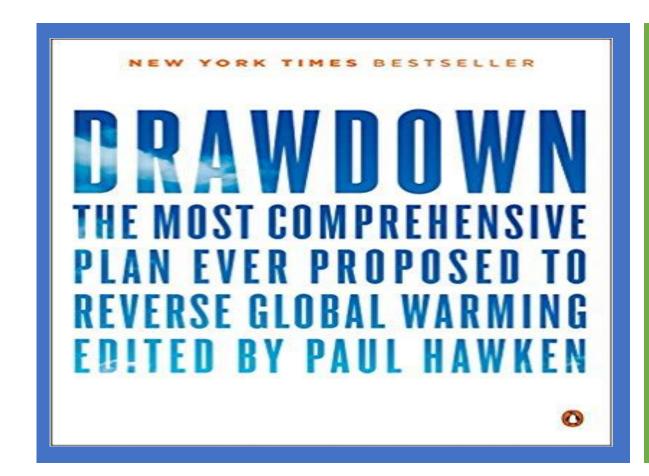
The economic and political turbulence that has rocked Europe in recent years has brought the idea of establishing a taxpayer funded universal basic income (UBI) to the fore. Our poll shows that this policy has a plurality of support in the EU14. Given UBI's unpopularity in Eastern and Southern Europe, however, it is unlikely to become part of European social policy in the near future. One of every fourth respondent did not have an opinion about UBI, which suggests the public still has much to learn about this idea.

#### **CHAPTER 11. DREAMS FOR SALARY**

What is the dream salary for the EU14? It turns out that citizens in rich and poor countries answer this question very differently. No matter what, they all dream for more - about twice their minimum wage according to our survey. The average dream salary across the EU14 ranged from a net of 900 euros in Central and Eastern Europe to 2,200 euros in Western European countries. In Southern Europe, the dream net salary is between 1,200 euros and 1,800 euros per month.

#### CHAPTER 12. DREAMS FOR RETIREMENT AGE

Even though Europeans live longer, they hope not to work longer. On this, the EU14 are united. Their dream retirement age is 60. Even in the countries where the retirement age is already high, respondents would prefer to stop work around age 60 to 61. In countries where the retirement age is under 65, respondents would prefer to stop working before the age of 60.



#### **Top 10 solutions to climate change**

Total gigatons of CO2-equivalent emissions that could be reduced by 2050

SOLUTION		PLAUSIBLE SCENARIO		DRAWDOWN SCENARIO		OPTIMUM SCENARIO	
Refrigerant Management	1	89.74	2	96.49	3	96.49	
Wind Turbines (Onshore)	2	84.60	1	146.50	1	139.31	
Reduced Food Waste	3	70.53	4	83.03	4	92.89	
Plant-Rich Diet	4	66.11	5	78.65	5	87.86	
Tropical Forests	5	61.23	3	89.00	2	105.60	
Educating Girls	6	59.60	7	59.60	8	59.60	
Family Planning	7	59.60	8	59.60	9	59.60	
Solar Farms	8	36.90	6	64.60	7	60.48	
Silvopasture	9	31.19	9	47.50	6	63.81	
Rooftop Solar	10	24.60	10	43.10	13	40.34	

Source: Project Drawdown

Vox

Test your own knowledge on how to stop climate change

https://edition.cnn.com/interactive/2019/04/specials/climate-change-solutions-quiz/index.html

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