

Project Papers 2009-2019

Megatrend „Global Demographic Change“ Tackling Business and Society Challenges in 2030 and beyond

Masterclass Seminar by Dr. med. Hans Groth, MBA at the University of St. Gallen, Switzerland



Project Papers 2009

1. Global demographic change: Develop a scenario of shrinking and growing region/states.
2. 2020-2050: Compared to the US, the workforce in Europe will shrink and conventional thinking translates population decline into economic contraction. Develop recommendations as to how this weakness can be overcome.
3. Europe 2030-2050: Conduct an analysis of services/industries, which will gain attractiveness and those, which will lose attractiveness.
4. Switzerland 2030-2050: Prepare a scenario of the population size and composition.
5. Switzerland 2030-2050: Is the inevitable demographic evolution homogeneous across the country or not? What is the potential impact on the economic evolution and potential new industries?
6. Today's youth and not the "baby boomers" will be hit by the potentially harmful consequences of demographic change. Conduct a creative approach as to how citizens aged between 20 and 30 years in two nations of your choice envisage how they will manage this challenge.
7. Prepare a submission to the Walder Stiftung Award "Leben und Wohnen im Alter" ("Life and living in old age") by developing a business concept as to how elderly Swiss citizens could live in an innovative and stimulating environment.
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9. The recently published Careum study on demand and supply for healthcare services in Switzerland forecasted in a shortage of 200.000 healthcare professionals by 2030. You are in charge tackling this challenge!



Project Papers 2010

1. China 2030-2050
2. India 2030-2050
3. Singapore 2030-2050
4. Global demographic change: scenarios of shrinking and growing regions/states.
5. Demographic change in the developed world: An analysis of the attractiveness of industries and services in a time of aging populations.
6. Impact of demography (ageing) on public debts in Europe, the US and Japan: Analysis of current situation and forecast until 2025.
7. Determinants for fertility in the developed and developing world.
8. Lessons learned from the Youth Perspective - WDA Expert Congress "Demographic Challenges in Islamic Countries".

Project Papers 2011

1. Demography meets Food Security.
2. Demography meets the “Dependency Ratio” - The future of the “Dependency Ratio” as a planning tool for states, societies and businesses.
3. Demography meets Japan.
4. Demography Meets Emerging Markets: China vs. India who will win the race?
5. Demography meets the Alpine Regions: The case of the Canton Grisons, CH.
6. Demography meets Europe 2012 - The European Year for Active Ageing.
7. Demography meets Office Space.
8. Demography meets Business.

Project Papers 2012

1. Demography meets Intergenerational Communication: Impact of accelerating demographic ageing in western societies on social sustainability and wealth distribution.
2. Demography meets the Power of Nations: An outlook on the demographic change and the global power of nations .
3. Demography meets Retirement Age: Options for UBS to reinvent work schemes to meet the new demographic realities in business and society.
4. Demography meets Africa: An outlook on the demographic challenges of Sub-Saharan Africa until 2050.
5. Demography meets Latin America.
6. Demography meets China, Japan and South Korea: Tackling the low fertility and the increasing longevity phenomenon.
7. Demography meets Indonesia: How to capture its hidden potential.
8. Demography meets Switzerland's migration policy and its implications.
9. Demography meets healthcare investment opportunities in China: Making the leap for further growth and business development: A strategic analysis for Fresenius Medical Care.

Project Papers 2013

1. Demographic Ageing in Switzerland - Patterns of the overall population vs. the group of medical doctors and nurses.
2. Innovate For an Aging Society: New structures and business models to make longevity an achievement.
3. Flexible Retirement - a UBS case study.
4. A Model on Using Demographic Indicators for Strategic Planning - Taking the Chinese government as an example.
5. Population Dynamics and Its Implications - Northern vs. southern Europe.
6. The Emerging Markets.
7. Demographic Ageing - What is the impact on capital markets?

Project Papers 2014

1. Switzerland without migration: An analysis of Switzerland's hypothetical population and GDP development without migration and the consequences of such a policy based on the PESTEL framework.
2. The Economic Challenges of Shrinking Societies: Germany and South Korea to tackle the demographic changes.
3. Population Ageing in China: What are the Present Demographic Predictions and how will they Influence the Chinese Economic Power in the Future?
4. The paradox of women in an ageing society: A comparison of Hong Kong and Switzerland.
5. How will demography impact the conflict between Israel and Palestine?
6. Sub-Saharan Africa: How to design a composite indicator that reflects the demographic risk Sub-Saharan African countries are facing?
7. Intergenerational Solidarity: A comparison of demographic trends and best practices in Slovenia and Sweden.
8. Demographic ageing: Impact on the entry of young people into the work force - Switzerland vs India.

Project Papers 2015

1. United States of America: The role of demography for the political, economic and societal future of the largest economy in the world .
2. China: The role of demography for the political, economic and societal future of the biggest country in the world.
3. Japan – what can we learn from the world’s “most aged” society?
4. Iran’s population dynamics in the light of the potential “post-sanction” period. What are the lessons for investors?
5. Cuba – what should we know about this country’s demography?
6. Ethiopia: Draw a demographic road map of this country and compare Ethiopia with other countries of similar size.
7. The demography of the Sahel zone: Facts and implications.
8. Past, current and future population dynamics across the 5 continents: Different qualities, different quantities, different impact.
9. Flying low – Managing elderly income in a world devoid of risk-free returns.
10. Beyond replacement fertility rates: Are low fertility rates an irreversible phenomenon in modern societies – and if so, could there be new roles for families, partnerships and labor force participation of women to help compensate for this?
11. Generation Y’s knowledge and perception about the sustainability of Switzerland’s three pillar retirement scheme. How should this generation plan for their retirement?

Project Papers 2016

1. Africa's Demographic History and Future to 2050: Harvesting the demographic dividend.
2. Demographic Picture of Cambodia to 2035.
3. China's New One-child Generation: Analysis of impact and consequences of the one-child policy with a focus on preferences and social economic behaviour patterns.
4. How will Demography Influence Demand for Energy in Terms of Quantities and Qualities?
5. Gender Equality: How does it influence fertility?
6. Shrinking Working Age Population Switzerland: Strategic recommendations to mitigate labour force shortages in the healthcare industry – an industry characterized by limited resources and growing demand due to ageing/ longevity.
7. Das 100-jährige Leben in der Schweiz: Wie leben und arbeiten Regula (26 Jahre) und Urs (26 Jahre) in einer Zeit der Langlebigkeit?

Project Papers 2017

1. Population growth and access to food & water: Where is the limit? Why is John Malthus wrong?
2. Mauritius – How did this island state manage its demographic transition? What are the lessons for other African countries to catch their potential demographic dividend?
3. Myanmar: Gain knowledge about its past, present and future demography till 2050
4. Compare Saudi Arabia with Iran: The role of ongoing population dynamics for societal and economic development till 2030
5. Managing population dynamics in China, Taiwan and Iran since 1960. What are the differences? What is the societal and economic impact in these countries? What do we know about their future strategies to prosper in the 21st century?
6. Low interest rates – what does it mean for retirees? Who are beneficiaries and who are the losers?
7. Why demography matters: Population dynamics and its impact on the wealth of nation
8. Global Demographic Change – Compare the key population dynamics between the 20th and 21st Century. What type of change category will shape the 21st century?

Project Papers 2018

1. Pension systems: Discuss the Swiss AHV/IV and BVG systems in light of changing demography and provide three alternative systems. Discuss your options also within the context of the currently proposed solution by the Swiss Federal Council.
2. Africa's Population: How could the continent capture its opportunities?
3. Migration in and into Europe: Societal, political and economic impact in the past and in the future till 2030
4. Investing in Africa: Compare the approaches of Chinese and European financiers in light of their ambitions and cultural background and perception of risk.
5. Existing stock-quoted investment funds based on demographic change/aging: How did they perform and why? What are future factors of success?
6. Longevity of humankind: What is its history, what are the scenarios and consequences for the 21st century? Are there countries/regions to learn from?
7. Demography and digitization: How can blockchain and digital assets help to make longevity an opportunity?

Project Papers 2019

1. How sustainable are development strategies in Africa? Compare the approach of China, Europe, the US and the 2021-2024 strategy of Switzerland.
2. Canada: Critically review how this country manages migration. What are the lessons for other countries?
3. Ongoing low fertility in Europe: What is the impact on society, business and governance in the coming 20 years? Are there sustainable incentives for higher fertility? How should it tackle migration? Can it turn longevity into an opportunity?
4. Our life courses: What will change? What will remain unchanged in the ongoing era of longevity?
5. Does digitalization/information technology/artificial intelligence contribute to make longevity a sustainable achievement?
6. What can strategic planners learn from “political demography”? Take the book published by Jack Goldstone as a reference.
7. Analyze and discuss the interaction of population dynamics (migration, fertility, longevity, gender balance etc.) on social cohesion and equality.