

Resource Overview

Future Scenarios for Sustainable Business Solutions

LITERATUR	E
Preparation phase	 Nandy, A. (1996). Bearing witness to the future. Futures, 28(6-7), 636–639. https://doi.org/10.1016/0016-3287(96)84465-X
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Critique	• Rittel, H. W. J., & Webber, M. M. (1973). Dilemmas in a general theory of planning. Policy Sciences, 4(2), 155 169.
phase	 Crowley, K., & Head, B. W. (2017). The enduring challenge of 'wicked problems': revisiting Rittel and Webber. Policy Sciences, 50(4), 539 547.
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CDC I	pational Business School developed this resource overview as part of Intellectual Output IO4 of the Fracmus+ Strategic Partnership FFFOPT

CBS International Business School developed this resource overview as part of Intellectual Output IO4 of the Erasmus+ Strategic Partnership EFFORT (Effectiveness of Responsibility Teaching).



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phase	 Bengston, D. N., Westphal, L. M., & Dockry, M. J. (2020). Back from the Future: The Backcasting Wheel for Mapping a Pathway to a Preferred Future. World Futures Review, 12(3), 270–278. https://doi.org/10.1177/1946756720929724
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Online Resources / Relevant Webpages

Preparation phase

- Transformative takes place on several levels: https://www.realutopien.de/en/our-approach/
- Future Workshop Methodology: https://jungk-bibliothek.org/
- Insights on Futures Studies and tools: https://futuryst.blogspot.com/
- Pace Layer Thinking (Stewart Brand): https://blog.longnow.org/02015/01/27/stewart-brand-pace-layers-thinking-at-the-interval/, https://jods.mitpress.mit.edu/pub/issue3-brand/release/2
- Future and innovation cycles: https://www.visualcapitalist.com/the-history-of-innovation-cycles/
- Scenario example: https://jonworth.eu/brexit-where-now-the-flow-diagrams/
- Two examples of four different sustainability scenarios:
 https://www.arup.com/perspectives/publications/research/section/2050-scenarios-four-plausible-futures;
 https://www.rolandberger.com/en/Insights/Publications/Sustainarama-How-sustainability-will-change-the-world-in-2050.html
- Climate Scenarios: https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC AR6 WGI SPM.pdf;
 https://climateactiontracker.org/global/temperatures/
- 16 personalities MBTI test: https://www.16personalities.com/free-personality-test
- Write a letter to your future self: https://www.futureme.org/



Critique phase

- 10 properties of wicked problems: https://medium.com/homeland-security/ten-properties-of-wicked-problems-a8a9ff67ccdb
- BANI vs. VUCA: https://marian-temmen.medium.com/bani-vs-vuca-a-new-acronym-for-a-new-world-59c7be2dddce
- The state of the Paris Agreement: https://www.statista.com/chart/9656/the-state-of-the-paris-agreement/
- Costs of climate change (in German): https://www.sueddeutsche.de/wissen/hochwasserkatastrophe-schaeden-kosten-klimawandel-co2-preis-hurrikan-1.5402770; https://www.mckinsey.de/news/presse/studie-net-zero-deutschland-klimaneutralitaet-chancen-herausforderungen
- Ego to eco framework: https://www.presencing.org/aboutus/ego-to-eco/acupuncture-points
- Global Risks Report 2021. https://www.weforum.org/global-risks/reports
- Global Trends 2040 Report: https://www.intelligence.gov/publics-daily-brief/public-s-daily-brief-articles/1055-national-intelligence-council-releases-global-trends-report-on-the-more-contested-world-of-2040
- Trends Maps: https://www.zukunftsinstitut.de/artikel/die-megatrend-map/ (in German)
- Integrated Reporting and systems thinking: https://www.globalreporting.org/media/0sxj0ewa/gri ungc reporting-on-sdgs practical guide.pdf;
 https://www.oecd.org/gov/innovative-government/Systems-approaches-to-public-challenges-executive-summary.pdf;
 https://www.researchgate.net/publication/281649433 Systems Thinking for Health Systems Strengthening
- SDG classifications and synergies: https://stockholmresilience.org/research/research-news/2016-06-14-how-food-connects-all-the-sdgs.html; https://stockholmresilience.org/research/research-news/2016-06-14-how-food-connects-all-the-sdgs.html; https://www.sei.org/wp-content/uploads/2019/04/sei-brief-2019-sdg-synergies-2.pdf
- SDG Compass: https://sdgcompass.org/business-indicators/; https://sdgcompast.org/business-indicators/; https://sdgcompast.org/library/3101
- SDG action manager: https://www.unglobalcompact.org/take-action/sdg-action-manager
- WBCSD: https://www.wbcsd.org/Programs/People-and-Society/Sustainable-Development-Goals;
 https://sdqessentials.org/
- Systems thinking and systemic design: https://learningforsustainability.net/post/systemicdesign-intro/
- Iceberg model and the three divides: https://www.presencing.org/aboutus/ego-to-eco/three-divides; https://www.presencing.org/aboutus/ego-to-eco/three-divides;
- Deep systemic cases: https://charleseisenstein.org/; space between stories: https://charleseisenstein.org/; space between stories: https://charleseisenstein.org/; space
- Problem solving: https://hbr.org/2012/09/are-you-solving-the-right-problems; https://hbr.org/2012/09/are-you-solving-the-right-problems; <a href="https://hbr.org/2012/09



	Tools of a systems thinker: https://medium.com/disruptive-design/tools-for-systems-thinkers-the-6-fundamental-
	concepts-of-systems-thinking-379cdac3dc6a
	Materiality analysis example: https://www.coca-colahellenic.com/en/a-more-sustainable-future/our-approach/materiality
Visioning	Why Business Should Imagine Utopia. https://www.nbs.net/articles/why-business-should-imagine-utopia
phase	 Build the Future: Imagine a Perfect Society. https://www.nbs.net/articles/build-the-future-imagine-a-perfect-society
	 The Economist: https://www.economist.com/the-world-if
	 The Future Game 2050: https://www.thefuturegame2050.com/grundlagen-zukunft-strategie
	Two examples of four different sustainability scenarios:
	https://www.arup.com/perspectives/publications/research/section/2050-scenarios-four-plausible-futures;
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	<u>2050.html</u>
	The Art of Hosting: https://artofhosting.org/what-is-aoh/
	 Walt Disney Method: https://www.designmethodsfinder.com/methods/walt-disney-method
	The Thing From The Future. http://situationlab.org/project/the-thing-from-the-future/
Implementa	Utopia: https://www.realutopien.de/en/
tion phase	 Leadership system: https://www.rethinkandfocus.com/429718297/6801537/posting/
	 Changing narratives: https://www.forumforthefuture.org/blog/the-power-of-changing-narratives-for-systems-change;
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	https://medium.com/converge-perspectives/identifying-leverage-points-in-a-system-3b917f70ab13;
	https://leveragepoints.org/updates/
	Two Loop Model: https://medium.com/benefit-mindset/becoming-wellbeings-1600b1a8302 ;
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	• Extrapolation, Retropolation and Forecasting: https://www.thefuturegame2050.com/grundlagen-zukunft-strategie (in
	German) Packenetings bttps://www.lipkedip.com/learning/leading-like-a-futurist/backeneting
Other (enline	Backcasting: https://www.linkedin.com/learning/leading-like-a-futurist/backcasting The lead of the lead
Other (online	
All phases	 https://www.teachthefuture.org/resources (https://library.teachthefuture.org/)