

CH Museen – Nachhaltigkeit „lokalisieren“

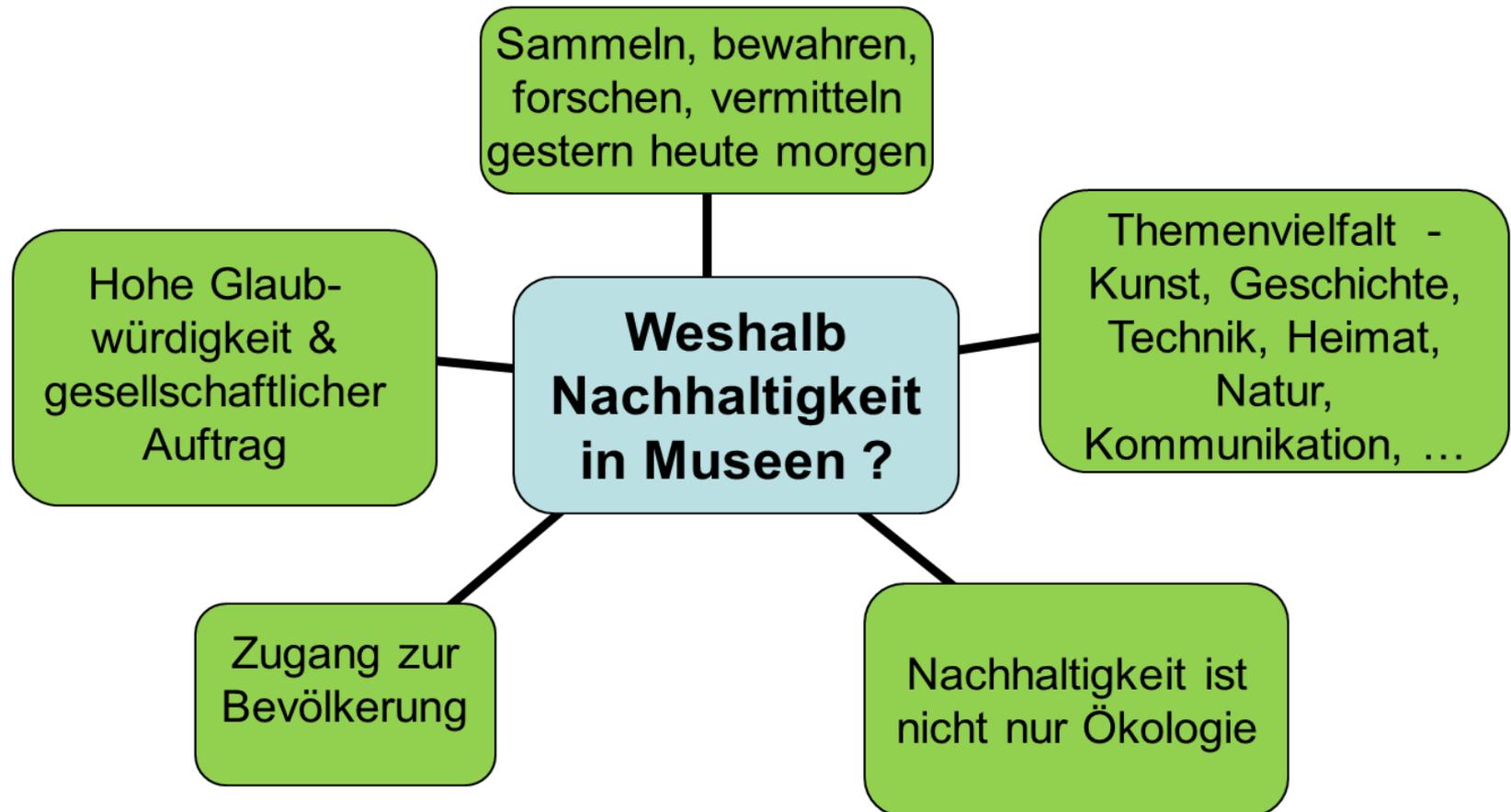


Workshop Happy Museums Schweiz, 29. November 2018

Peter Jann

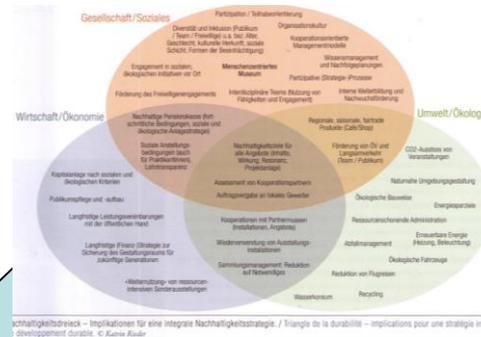
Nachhaltigkeit in Schweizer Museen

Zahlreiche gute Gründe!



Nachhaltigkeit – Verantwortung tragen

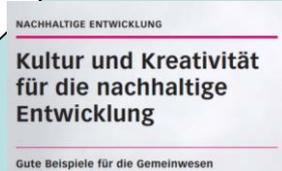
Global



Nachhaltigkeitsdreieck – Implikationen für eine integrierte Nachhaltigkeitsstrategie / Triangle de la durabilité – implications pour une stratégie intégrée développement durable. © Klaus Kuster

National

BAK, ARE



Lokal



Agenda 2030

17 UNO Sustainable Development Goals



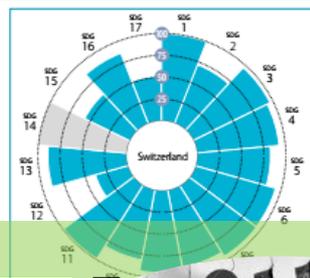
Agenda 2030 für eine nachhaltige Entwicklung

17 Ziele – 169 konkrete Zielvorgaben – 100 bis 200 Indikatoren

SWITZERLAND OECD Countries

OVERALL PERFORMANCE

Index score Regional average score



169

WHERE DO I START?

CURRENT ASSESSMENT - SDG DASH



SDG TRENDS



Note: The full title of Goal 2 "Zero Hunger" is "End hunger, achieve food security and improved nutrition and promote sustainable agriculture."

SWITZERLAND Performance by Indicator

Indicator	Value	Rating	Trend
SDG1 - End Poverty			
Poverty headcount ratio at \$1.90/day (% population)	0.0	+	→
Projected poverty headcount ratio at \$1.90/day in 2030 (% population)	0.0	+	→
Poverty ratio after taxes and transfers, poverty line 50% (population)	9.9	+	→
SDG2 - Zero Hunger			
Prevalence of undernourishment (% population)	2.5	+	→
Prevalence of stunting (low height-for-age) in children under 5 years of age (%)	2.6	+	→
Prevalence of wasting in children under 5 years of age (%)	0.7	+	→
Prevalence of obesity, BMI ≥ 30 (% adult population)	19.5	+	→
Cereal yield (t/ha)	5.1	+	→
Sustainable Nitrogen Management Index	0.7	+	→
SDG3 - Good Health and Well-Being			
Maternal mortality rate (per 100,000 live births)	5.0	+	→
Neonatal mortality rate (per 1,000 live births)	2.9	+	→
Mortality rate, under-5 (per 1,000 live births)	4.1	+	→
Incidence of tuberculosis (per 100,000 population)	7.2	+	→
HIV prevalence (per 1,000)	0.1	+	→
Age-standardized death rate due to cardiovascular disease, cancer, diabetes, and chronic respiratory disease in populations age 30-70 years (per 100,000 population)	8.7	+	→
Age-standardized death rate attributable to household air pollution and ambient air pollution (per 100,000 population)	8.3	+	→
5G-stands rate (per 100,000 population)	3.6	+	→
SDG4 - Quality Education			
Lower secondary completion rate (% of total population)	100.0	+	→
Upper secondary completion rate (% of total population)	100.0	+	→
Adult literacy rate (% of total population)	100.0	+	→
Share of population aged 25+ with tertiary education	100.0	+	→
SDG5 - Gender Equality			
Gender inequality index	0.05	+	→
Ratio of women to men in parliament	41.2	+	→
Ratio of women to men in senior positions	50.3	+	→
Ratio of women to men in senior positions in the public sector	50.3	+	→
Ratio of women to men in senior positions in the private sector	50.3	+	→
Ratio of women to men in senior positions in the non-profit sector	50.3	+	→
Ratio of women to men in senior positions in the public sector in the private sector	50.3	+	→
Ratio of women to men in senior positions in the public sector in the non-profit sector	50.3	+	→
Ratio of women to men in senior positions in the public sector in the private sector in the non-profit sector	50.3	+	→
SDG6 - Clean Water and Sanitation			
Population with access to improved drinking water services (%)	100.0	+	→
Population with access to improved sanitation services (%)	100.0	+	→
Population with access to improved sanitation services (basic)	100.0	+	→
Population with access to improved sanitation services (basic and advanced)	100.0	+	→
Population with access to improved sanitation services (basic and advanced and improved)	100.0	+	→
Population with access to improved sanitation services (basic and advanced and improved and improved)	100.0	+	→
SDG7 - Affordable and Clean Energy			
Access to electricity (% population)	100.0	+	→
Access to clean fuels and technology for cooking (% population)	100.0	+	→
CO2 emissions from fuel combustion / electricity output (MCO2/TWh)	0.6	+	→
Share of renewable energy in total final energy consumption (%)	25.3	+	→
SDG8 - Decent Work and Economic Growth			
Adjusted Growth (%)	-0.2	+	→
Slavery score (0-100)	100.0	+	→
Adults (15 years+) with an account at a bank or other financial institution or with a mobile-money-service provider (%)	98.4	+	→
Employment-to-population ratio (%)	79.8	+	→
Youth not in employment, education or training (NEET) (%)	8.7	+	→
SDG9 - Industry, Innovation and Infrastructure			
Proportion of the population using the internet (%)	89.1	+	→
Mobile broadband subscriptions (per 100 inhabitants)	100.6	+	→
SDG10 - Reduced Inequalities			
Quality of overall infrastructure (1=extremely underdeveloped; 7=extensive and efficient by international standards)	6.6	+	→
Logistics performance index: Quality of trade and transport-related infrastructure (1=low to 5=high)	4.2	+	→
The Times Higher Education Universities Ranking, Average score of top 3 universities (0-100)	74.6	+	→
Number of scientific and technical journal articles (per 1,000 population)	2.5	+	→
Research and development expenditure (% GDP)	3.0	+	→
Research and development researchers (per 1,000 employed)	8.8	+	→
Tragic parent families: BSI (per million population)	142.4	+	→
Gap in internet access by income (%)	47.2	+	→
Women in science and engineering (%)	21.6	+	→
SDG11 - Sustainable Cities and Communities			
Gini Coefficient adjusted for top income (1-100)	34.6	+	→
Palma ratio	1.1	+	→
Elderly Poverty Rate (%)	19.4	+	→
Average mean concentration of particulate matter of less than 2.5 microns of diameter (PM2.5) in urban areas (µg/m³)	12.9	+	→
Population with access to improved drinking water services (per urban population with access)	100.0	+	→
Population with access to improved drinking water services (per urban population with access and public transport)	84.0	+	→
Population with access to improved drinking water services (per urban population with access and public transport and bicycle)	6.3	+	→
SDG12 - Responsible Consumption and Production			
Material footprint per capita (kg/capita)	4.3	+	→
Material footprint per capita (kg/capita) excluding land use change and forestry	4.0	+	→
Material footprint per capita (kg/capita) excluding land use change and forestry and land use change and forestry	0.0	+	→
Material footprint per capita (kg/capita) excluding land use change and forestry and land use change and forestry and land use change and forestry	0.0	+	→
Material footprint per capita (kg/capita) excluding land use change and forestry and land use change and forestry and land use change and forestry	0.0	+	→
SDG13 - Climate Action			
Energy-related CO2 emissions per capita (tCO2/capita)	4.9	+	→
Imported CO2 emissions, technology-adjusted (tCO2/capita)	13.1	+	→
Climate Change Vulnerability Monitor (best 0-1 worst)	0.0	+	→
CO2 emissions embodied in food fuel exports (kg/capita)	2.1	+	→
Effective Carbon Rate from all non-wood energy, excluding emissions from biomass (tCO2e)	28.6	+	→
SDG14 - Life Below Water			
Mean area that is protected in marine sites important to biodiversity (%)	NA	+	→
Ocean Health Index Goal-Biodiversity (0-100)	NA	+	→
Ocean Health Index Goal-Clean Waters (0-100)	NA	+	→
Ocean Health Index Goal-Fisheries (0-100)	NA	+	→
Fish Stocks overexploited or collapsed by EEZ (%)	NA	+	→
Fish caught by trawling (%)	NA	+	→
SDG15 - Life on Land			
Mean area that is protected in terrestrial sites important to biodiversity (%)	35.2	+	→
Mean area that is protected in freshwater sites important to biodiversity (%)	59.9	+	→
Red List Index of species survival (0-1)	1.0	+	→
Annual change in forest area (%)	1.8	+	→
Imported biodiversity threats (threats per million population)	26.1	+	→
SDG16 - Peace, Justice and Strong Institutions			
Homicides (per 100,000 population)	0.7	+	→
Prison population (per 100,000 population)	78.3	+	→
Population who feel safe walking alone at night in city or area where they live (%)	85.0	+	→
Government Efficiency (1-7)	5.5	+	→
Property Rights (1-7)	6.6	+	→
Birth registrations with civil authority, children under 5 years of age (%)	100.0	+	→
Corruption Perception Index (0-100)	85.0	+	→
Children 5-14 years old involved in child labour (%)	0.0	+	→
Transfers of major conventional weapons (import)	3.4	+	→
(constant 1990 US\$ million per 100,000 population)			
SDG17 - Partnerships for the Goals			
Government Health and Education spending (% GDP)	16.8	+	→
High-income and all OECD DAC countries: international concessional public finance, including official development assistance (% GNI)	0.5	+	→
Other countries: Tax revenue (% GDP)	NA	+	→
Tax Haven Score (best 0-5 worst)	3.0	+	→
Financial Stability Score (best 0-100 worst)	76.5	+	→

PART 4. COUNTRY PROFILES

Where do I start?

- Make a choice: select those issues where you have influence.
- Make it local: Define what success on your chosen SDG looks like in your community.
- Collaborate: Find partners that can help you achieve your local goal.
- Focus on impact, not commitments. The SDGs are a funding and PR opportunity for museums.
- Spread the message.

(nach Jasper Visser, <https://themuseumofthefuture.com/author/jaspervisser/>, 19.9.2018)

Energie



«Aarau lebt 2000 Watt»

Bezug zur Kultur:

- Kreative Lösungen zur Vermittlung und Sensibilisierung
- Verständnis fördern für die kulturellen Faktoren, welche der Energieproduktion und dem – Konsum unterliegen
- Betriebsökologie

Basierend auf: Draft Culture in the Sustainable Development Goals: A Guide for Local Action, Agenda 21 for Culture & Committee on Culture of the world association of United Cities and Local Governments

Wasserverbrauch & Energie



Alpines Museum «Wasser Unser»

Bezug zur Kultur:

- Erkennen von traditionellem Wissen und Verfahren, die eine angemessenen und nachhaltigen Wasserverbrauch fördern.
- Verständnis fördern für die kulturellen Faktoren, welche der Energieproduktion und dem – Konsum unterliegen

Basierend auf: Draft Culture in the Sustainable Development Goals: A Guide for Local Action, Agenda 21 for Culture & Committee on Culture of the world association of United Cities and Local Governments

Konsum & nachhaltige Städte



«Herbstmarkt Aarau»

Bezug zur Kultur:

- Pflegen von lokalen und traditionellen Produkten
- Pflege des kulturellen Erbes als Beitrag an eine nachhaltige Gemeindeentwicklung
- Nutzung öffentlicher Räume für kulturelle Aktivitäten

Basierend auf: Draft Culture in the Sustainable Development Goals: A Guide for Local Action, Agenda 21 for Culture & Committee on Culture of the world association of United Cities and Local Governments

Schlussfolgerungen



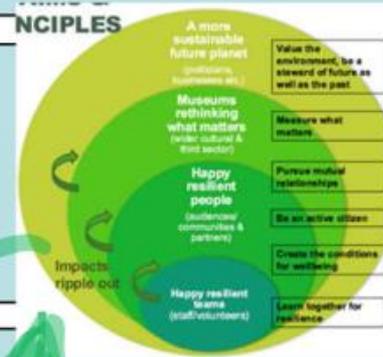
SDGs und Happy Museum

Global



National

the happy museum



Lokal

