

SDG 9 – THE ASFINAG WAY

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Agenda

- ASFINAG
- SDG 9: Development of Sustainability in ASFINAG
 - Responsibility and future viability
 - Advanced understanding of sustainability
 - Integrated Management Approach
- Practical examples (energy, mobility)
- Conclusion



ASFINAG Overview

ASFINAG was founded in 1982 and is 100 % owned by the Republic of Austria.

- Tasks:**

Planning, construction, maintenance, operation, funding and tolling of motorways and expressways in Austria



- Road network:**

In operation: 2,199 km

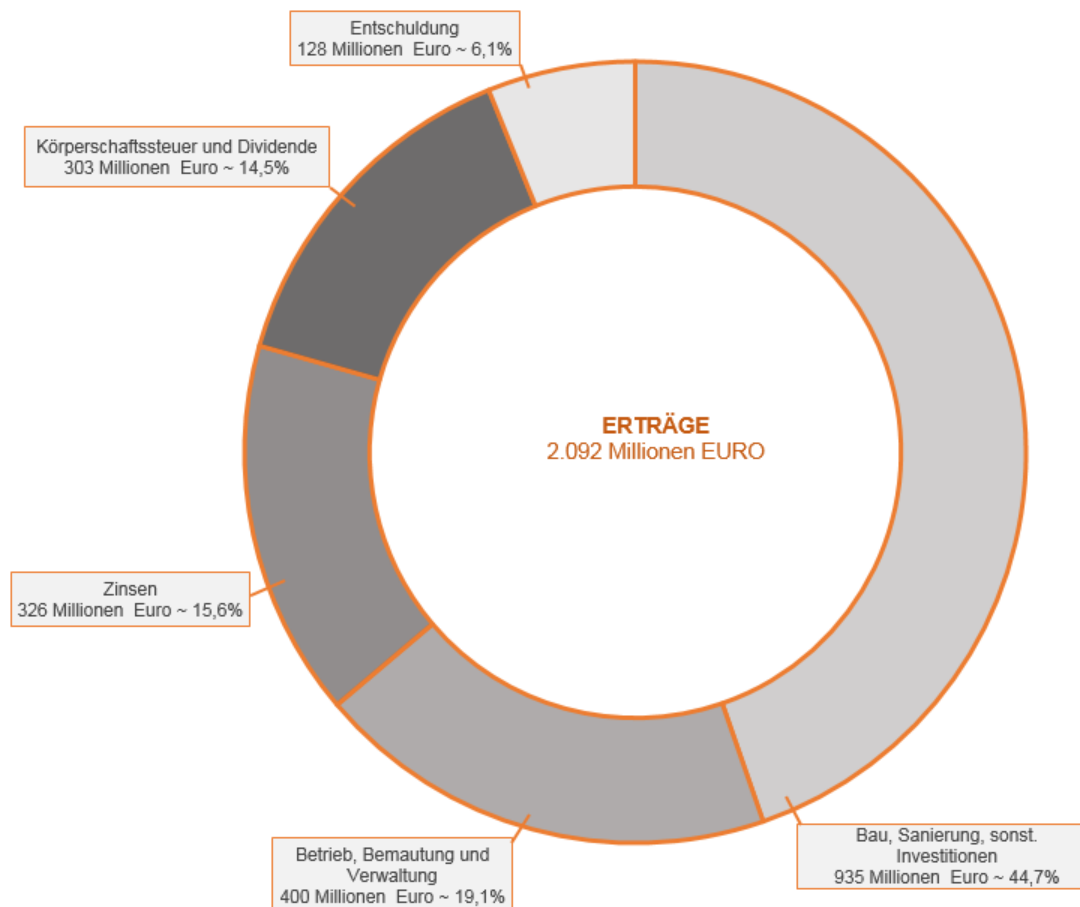
- Employees – group:**

2,769

- Financing:**

Vehicles < 3.5 t: toll stickers + special tolls
Trucks > 3.5 t: mileage-dependent toll

Use of revenues





SDG 9: Development of Sustainability

- How ASFINAG handles the goals of SDG 9
 - SDG 9 Targets
 - Mission
 - Reporting
 - Investor Relations
 - Integrated Management

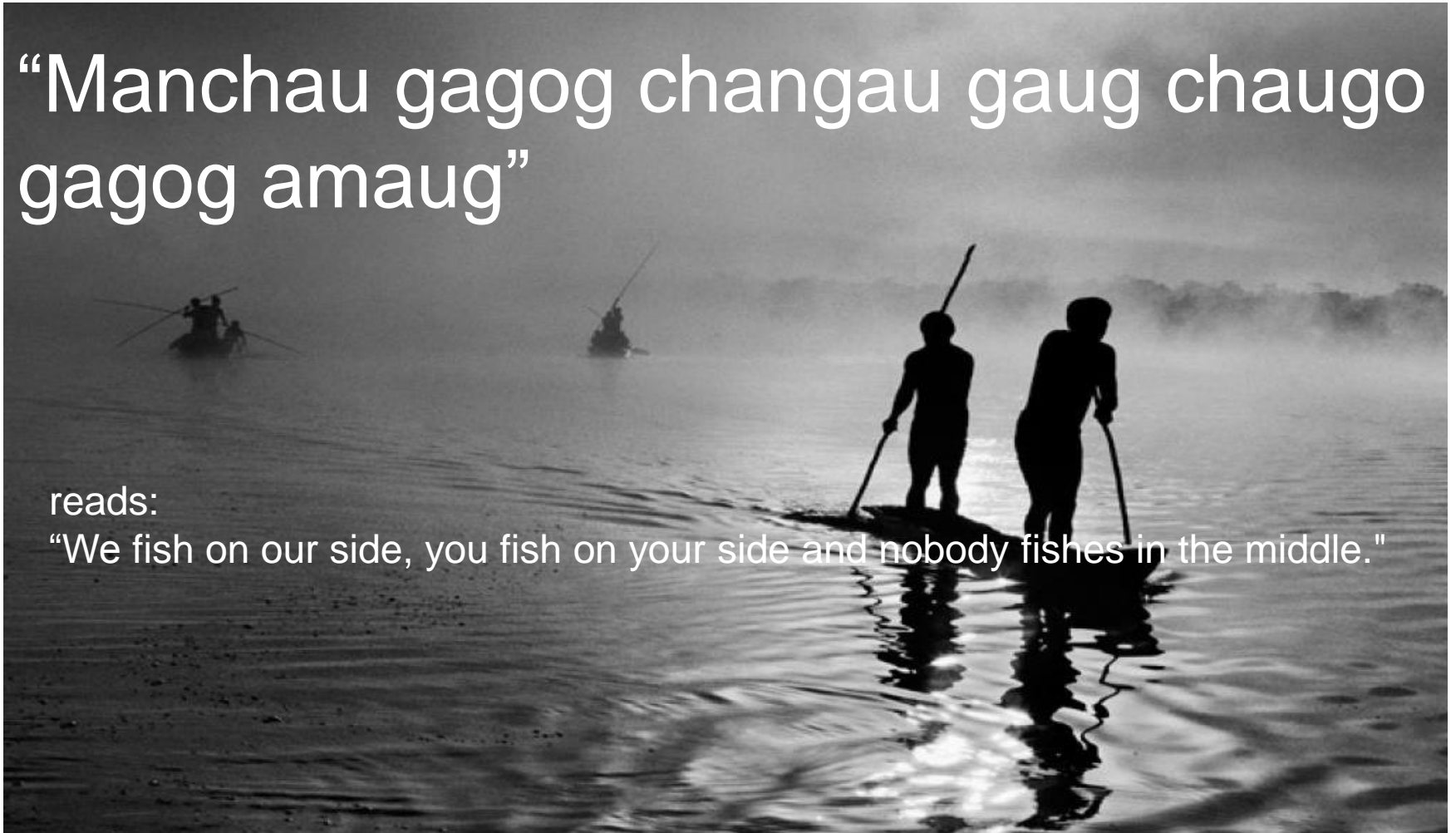


„Sustainability“

“Manchau gagog changau gaug chaugo
gagog amaug”

reads:

“We fish on our side, you fish on your side and nobody fishes in the middle.”



SDG 9 – Relevant Targets

- Develop quality, reliable, **sustainable** and **resilient infrastructure**, including regional and transborder infrastructure, **to support economic development and human well-being**, with a focus on affordable and equitable access for all
- 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, with all countries taking action in accordance with their respective capabilities



The ASFINAG Mission

Reliability all the Way

ASFINAG is an efficiently operating **user-financed builder and operator of motorways** and expressways.

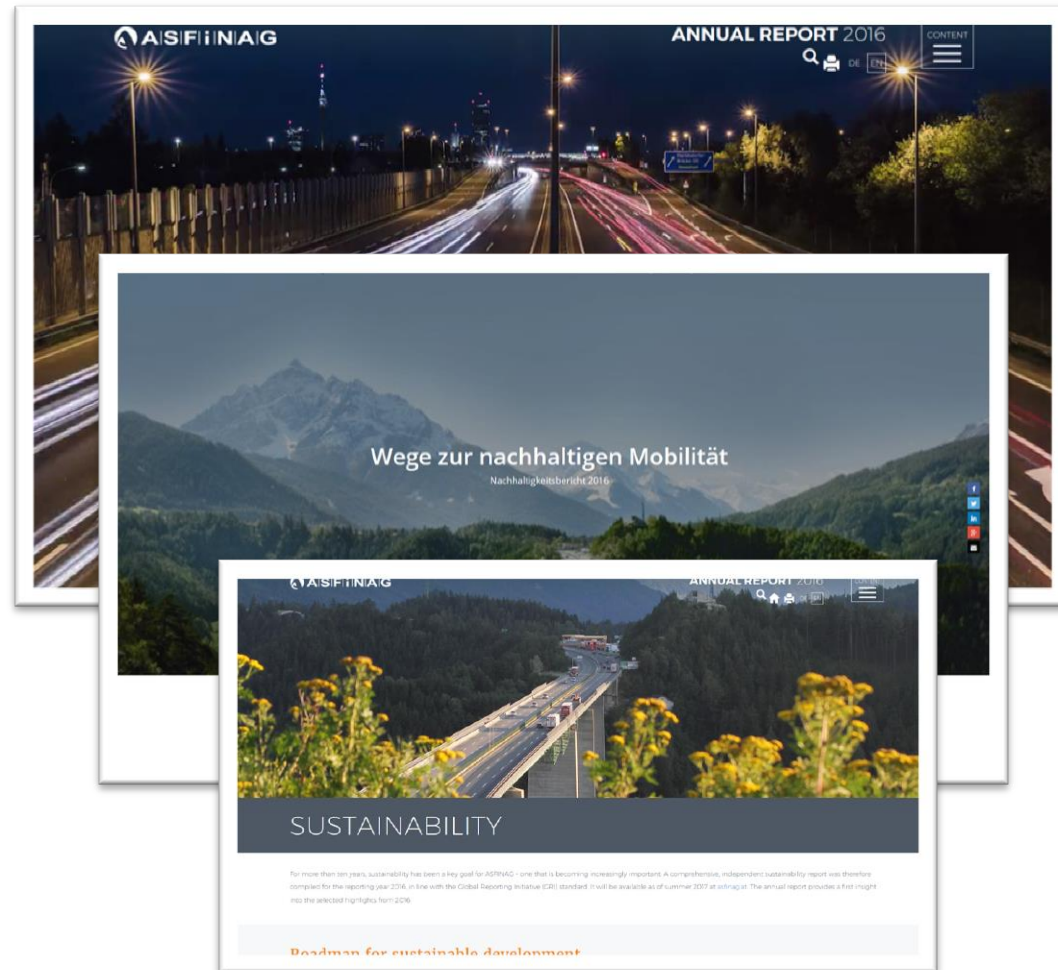
We provide a **road network** that meets our customers' requirements, is **well-serviced** and developed with a special focus on road safety and **optimal availability** as well as user-friendly tolling systems.

All our activities are directed towards fulfilling our economic, environmental and social responsibilities whilst strengthening Austria's position as a business location.



Reporting

- Switch perspective of CSR-Management
- Roadmap for Integrated CSR-Management
- Comprehensive reporting
- Support of the UN – Sustainable Development Goals (SDG)



Investor Relations focus on sustainability (1)

ASFINAG is financed via the capital market and is a well-established **issuer of bonds**.

For ASFINAG's capital market activities **Sustainability Rating** is getting more and more important: some investors are obliged to only buy papers for certain portfolios from issuers with a certain sustainability rating (prime).

Therefore:

- ASFINAG is improving the sustainability reporting to avoid future disadvantages when trading ASFINAG bonds!

Investor Relations focus on sustainability (2)

oekom research: prime rating!

- “Oekom research” is world's leading independent agency that analyzes 3,800 companies for their sustainability performance for institutional investors and financial service providers

- September 2017: ASFINAG was rated "prime" for the first time
- One factor of success: SDG reference in our reporting

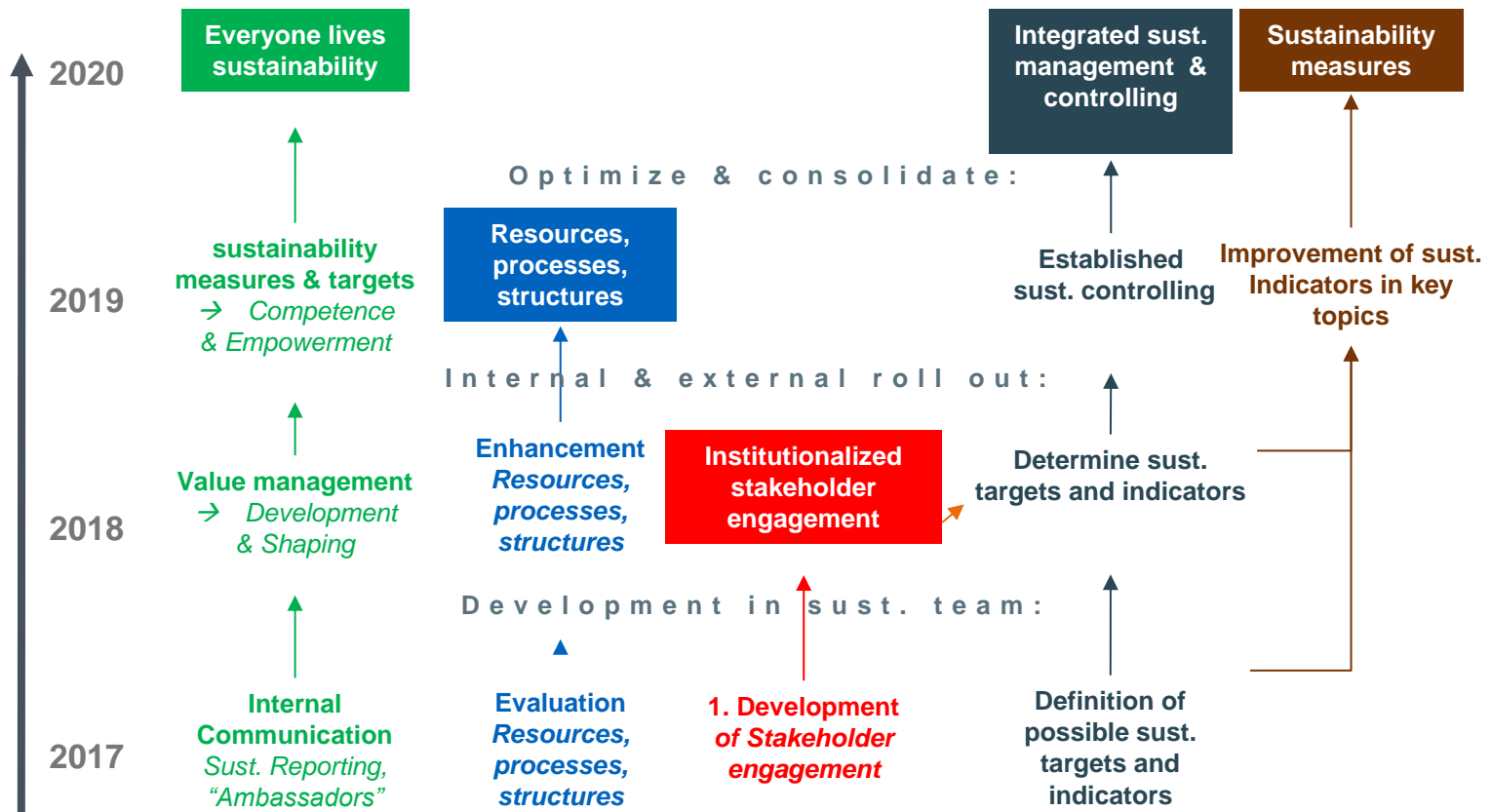


oekom Corporate Rating Rating September 2017

Autobahnen- und Schnellstrassen-Finanzierungs-AG

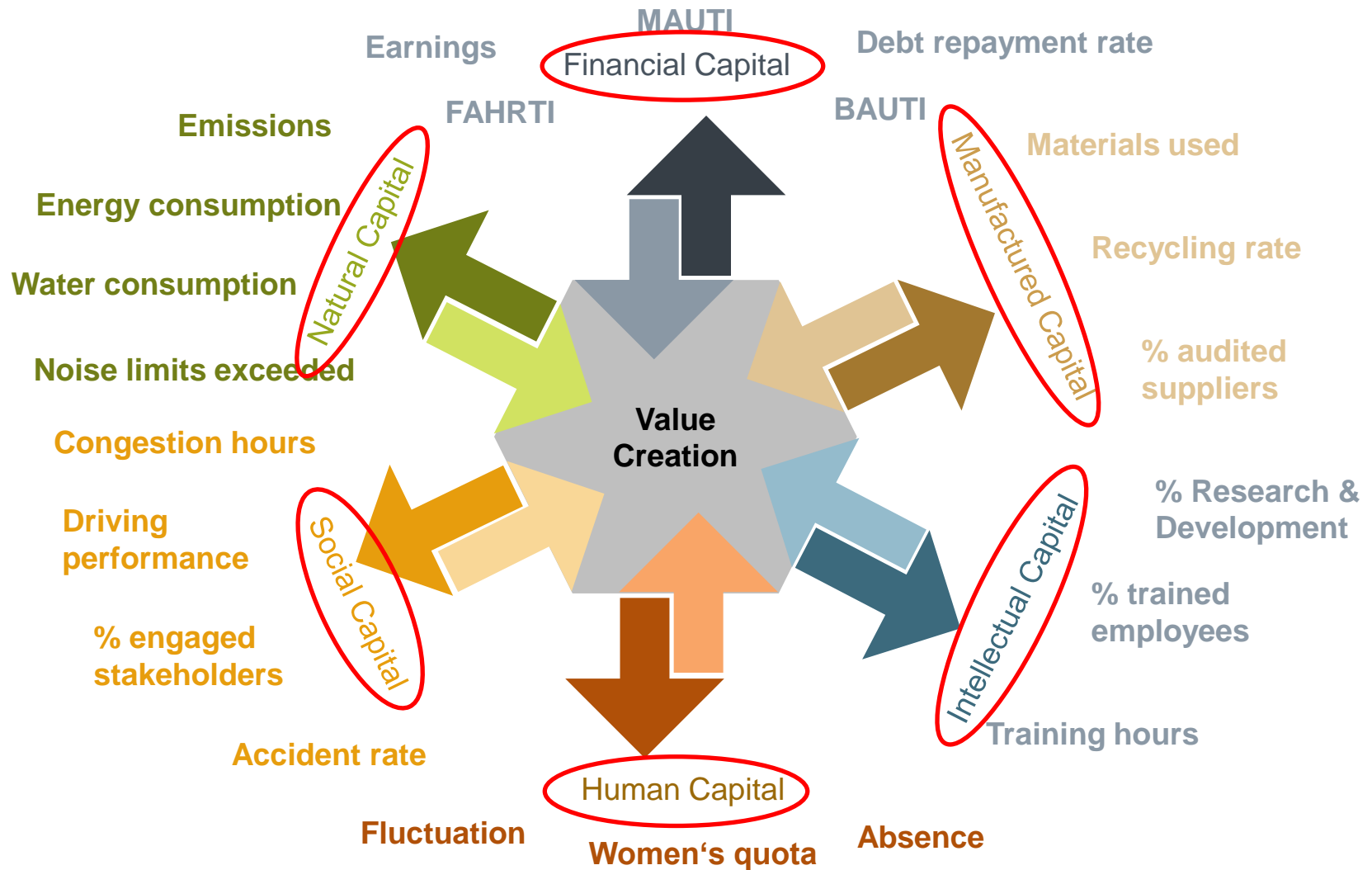
Industry	Transportation Infrastructure	Status	Prime	
Country	Austria	Rating	C+	rated by oekom research
		Prime Threshold	C+	

CSR-Roadmap 2020



Integrated Management Approach

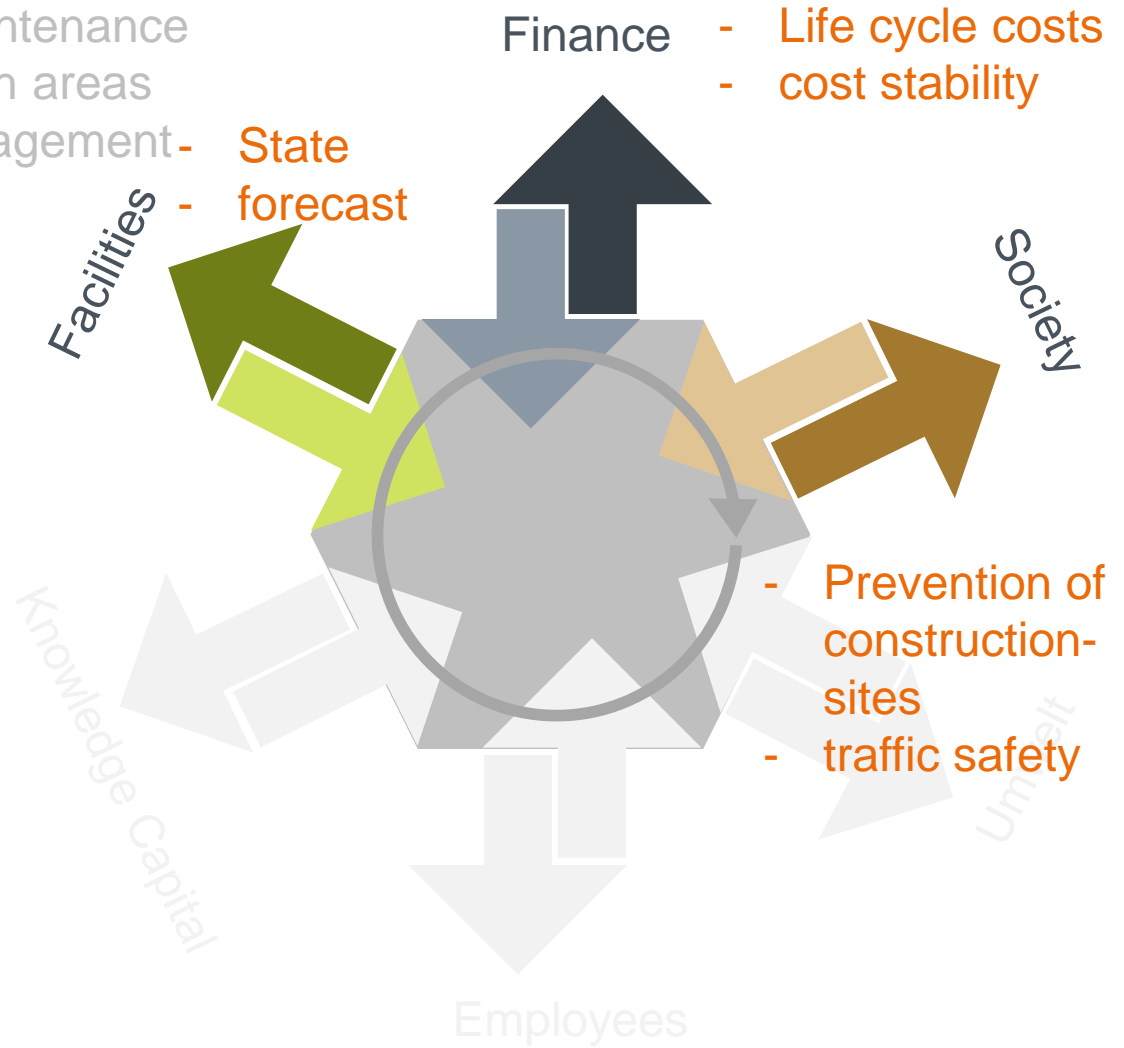
Financial and non financial indicators



Example of Application: Revision maintenance strategy (1)

- In which areas does the maintenance management work and which areas affect the maintenance management- (impact orientation)?

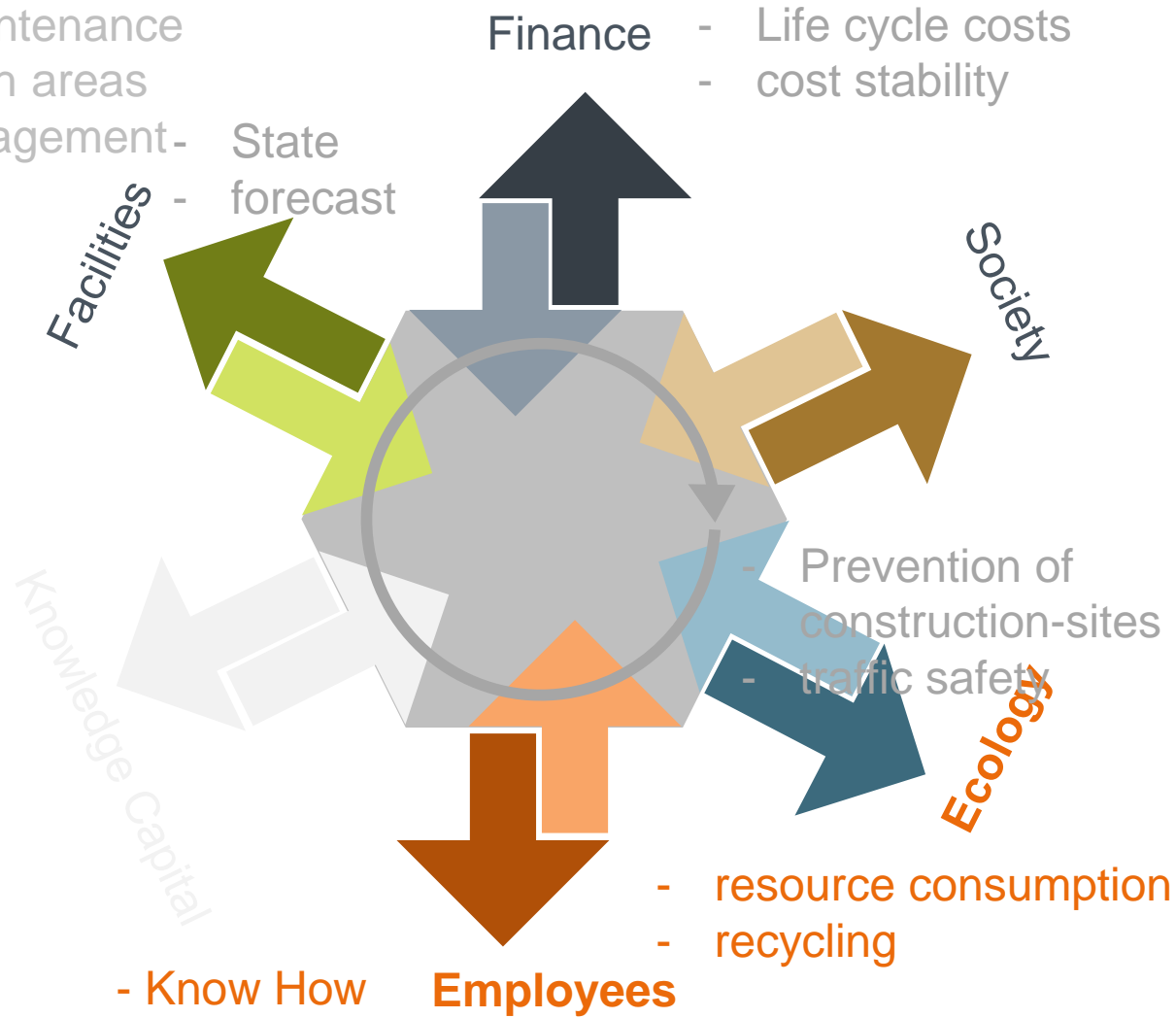
Current maintenance strategy



Example of Application: Revision maintenance strategy (2)

- In which areas does the maintenance management work and which areas affect the maintenance management- (impact orientation)?

New maintenance strategy



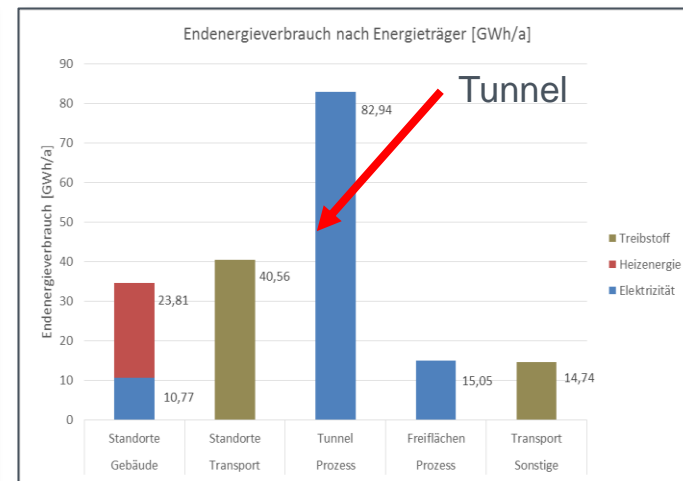
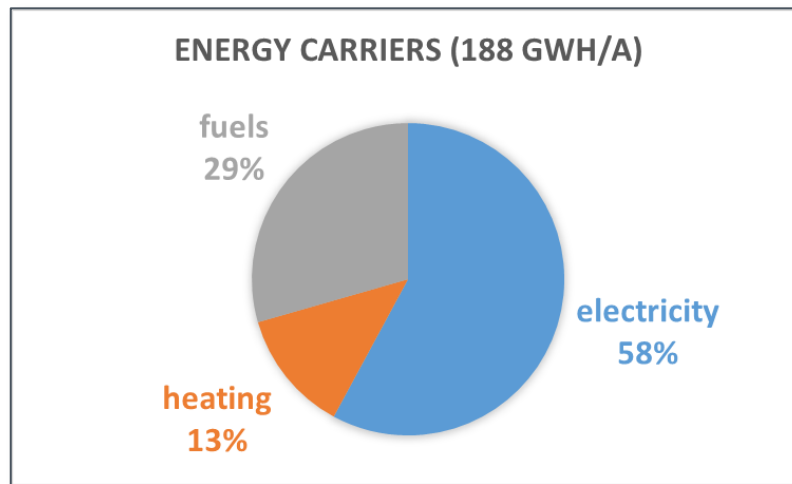


SDG 9 at ASFINAG

- What ASFINAG is contributing (practical examples)

Energy-efficiency and decarbonization

Energy consumption of ASFINAG



reenag

Eine Investmentholding für Erneuerbare Energie

- How much of ASFINAG's energy consumption could be covered by energy, produced from own energy resources?

Energy production (1)

Study 2016: Potentials for selfsufficiency

- Our strategy: we produce energy where it is needed



Eine Investmentholding für Erneuerbare Energie

- Tunnels: we use waterresources of mountainwater to operate small powerplants for lightning and ventilation of the tunnel

Energy production (2)

- Photovoltaics (tunnel, restareas)
- Windpower plants (tunnel)
- „Ammonia to power“ (restareas)



E-mobility

Fleet Management

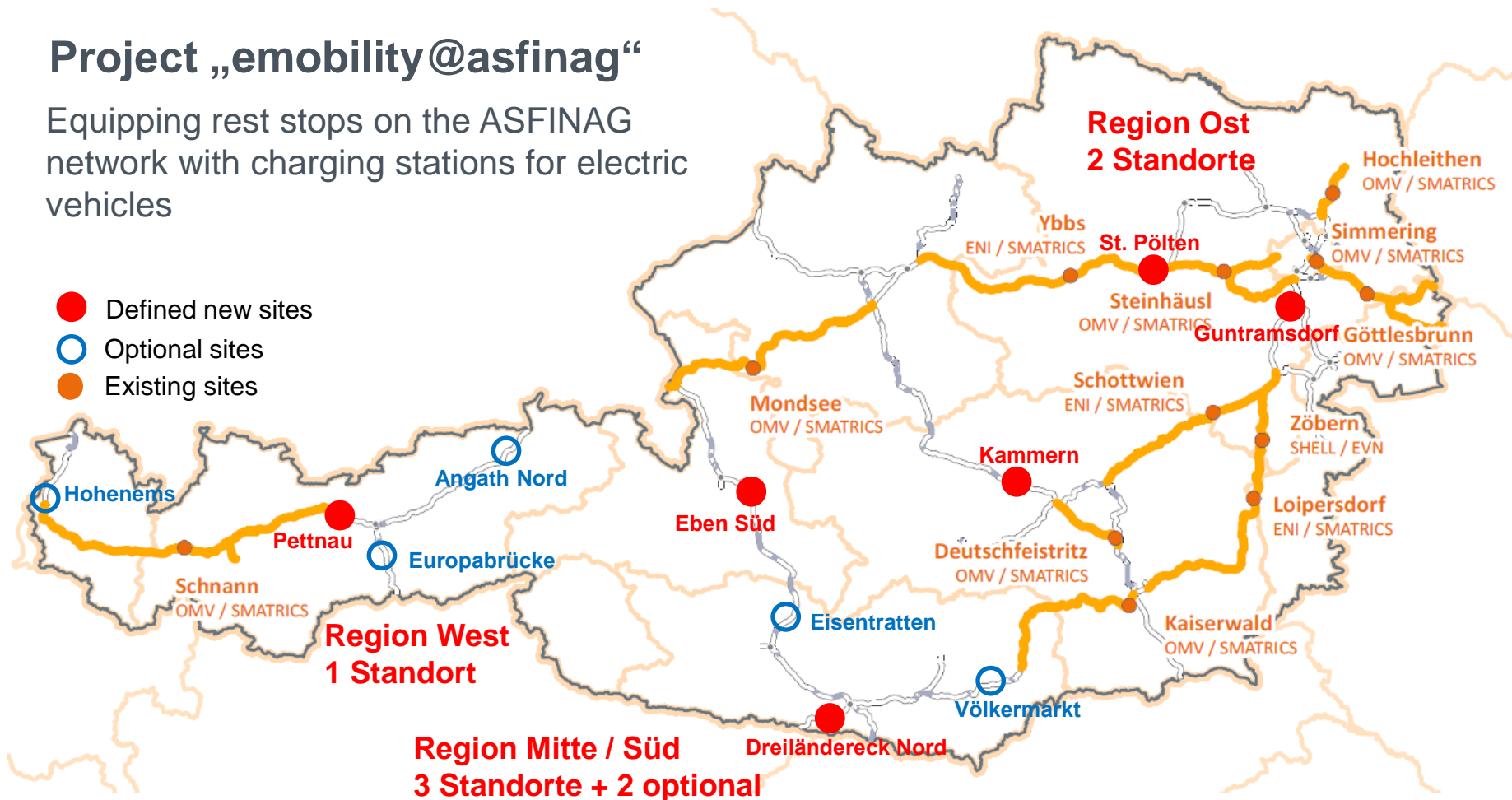
- Currently 4 electric-vehicles in use and one hydrogene powered
- 2020 : 20% of the vehicle fleet (<3.5t) electrically
- Trend-observation of electrically operated vehicles > 3,5 t



Charging Infrastructure

Project „emobility@asfinag“

Equipping rest stops on the ASFINAG network with charging stations for electric vehicles



Mobility

Contribution to a multimodal transport infrastructure

- Mobility of the future is efficient and resource-conserving

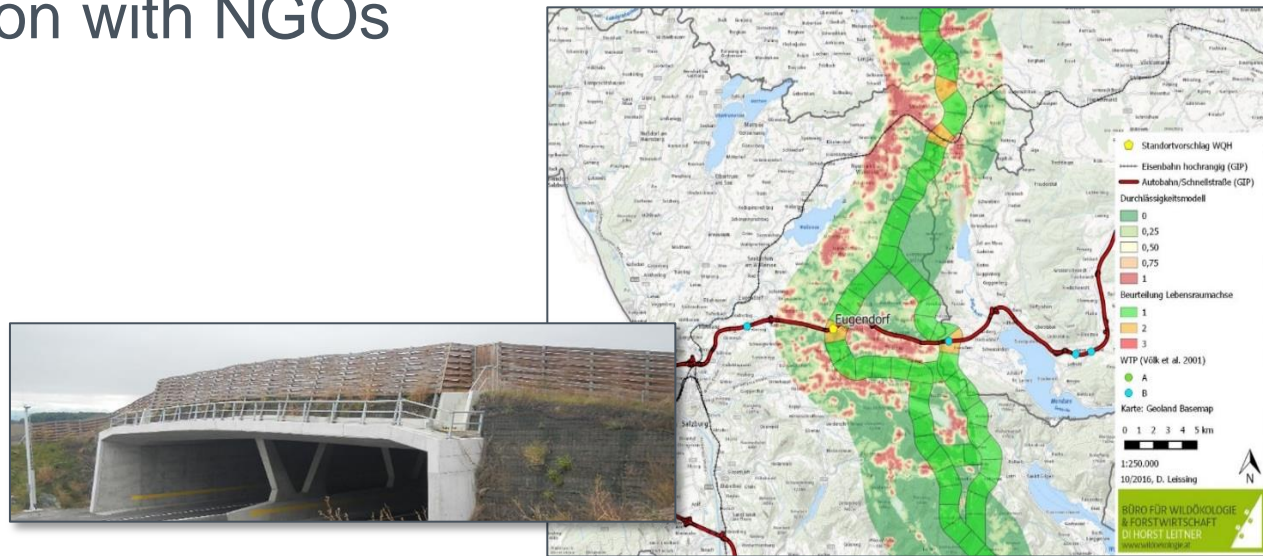


- Our contribution:
 - Trafficinformation
 - Multimodal network points
 - Cooperation with other modes

Connecting life habitats

(Re)connecting life habitats with wildlife crossings

- Construction of wildlife crossings
- Functionality of the crossing
- Cooperation with NGOs



Conclusion

ASFINAG-Learnings:

- Sustainability is no longer „Add on“
- Sustainability is a chance (not a challenge)
- Sustainability is a process (not a measure)
- Sustainability is assignment for „new thinking“



SUSTAINABILITY & RELIABILITY ALL THE WAY.