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

ERTRÄGE
2.092 Millionen EURO

- Körperschaftsteuer und Dividende
  303 Millionen Euro ~ 14,5%
- Zinsen
  326 Millionen Euro ~ 15,6%
- Betrieb, Bemauung und Verwaltung
  400 Millionen Euro ~ 19,1%
- Bau, Sanierung, sonst. Investitionen
  935 Millionen Euro ~ 44,7%
- Entschuldung
  128 Millionen Euro ~ 6,1%
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
CSR-Roadmap 2020

- **Development of Stakeholder engagement**

  - **2017**: Internal Communication (Sust. Reporting, “Ambassadors”)
  - **2018**: Value management (Development & Shaping)
  - **2019**: Everyone lives sustainability
  - **2020**: Development in sust. team:
    - Evaluation Resources, processes, structures
    - 1. Development of Stakeholder engagement
    - 2. Development of Competence & Empowerment

- **Optimize & consolidate**:

  - Resources, processes, structures

- **Internal & external roll out**:

  - Sustainability measures
  - Improvement of sust. indicators in key topics
  - Established sust. controlling
  - Determination of sustainability targets and indicators
  - Improvement of sustainability indicators in key topics

- **Institutionalized stakeholder engagement**

  - Resources, processes, structures
Integrated Management Approach

Financial and non financial indicators

- Earnings
- Debt repayment rate
- Materials used
- % audited suppliers
- % Research & Development
- % trained employees
- Training hours
- Recyling rate

Financial Capital

- Emissions
- Energy consumption
- Water consumption
- Noise limits exceeded
- Congestion hours
- Driving performance

Natural Capital

- Accident rate
- Fluctuation
- Women’s quota
- Absence
- MAUTI
- FAHRTI
- BAUTI

Manufactured Capital

- % engaged stakeholders

Social Capital

- % Research & Development
- % trained employees
- Training hours

Intellectual Capital

- FAUTI
- MAUTI
- BAUTI

Human Capital

- % audited suppliers

Integrated Management Approach

Value Creation
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

- Life cycle costs
- Cost stability
- Prevention of construction sites
- Traffic safety
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

ENERGY CARRIERS (188 GWH/A)

- fuels 29%
- electricity 58%
- heating 13%

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

• 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 hydrogen 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

- Defined new sites
- Optional sites
- Existing sites

Region West
1 Standort

Region Mitte / Süd
3 Standorte + 2 optional

Region Ost
2 Standorte
Mobility

Contribution to a multimodal transport infrastructure

• Mobility of the future is efficient and resource-conserving

• Our contribution:
  – Traffic information
  – 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.