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Evaluation for SUMP in Gävle

Indicators, Monitoring & Lessons Learned

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Interreg
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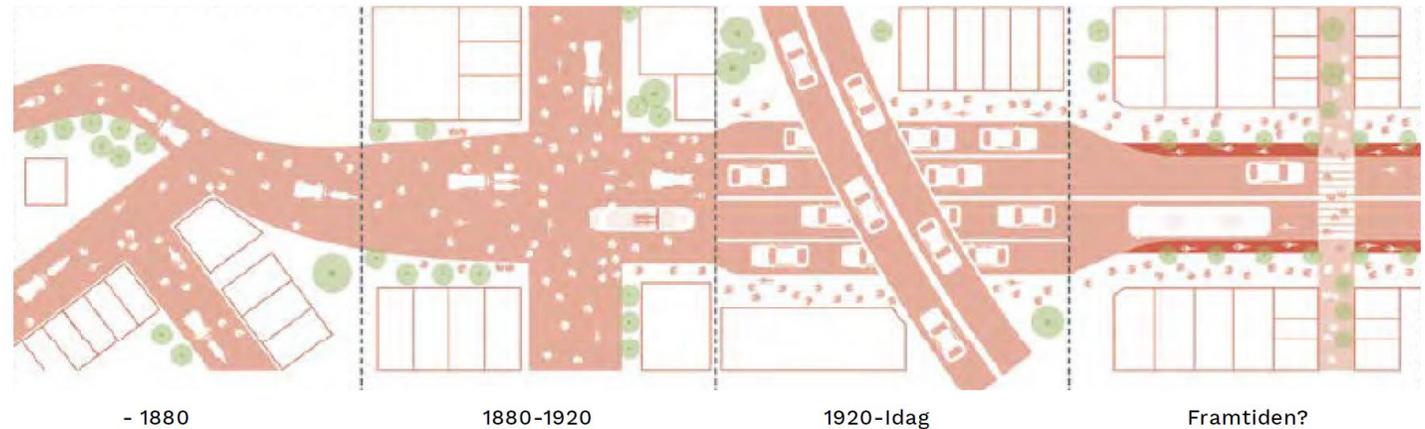
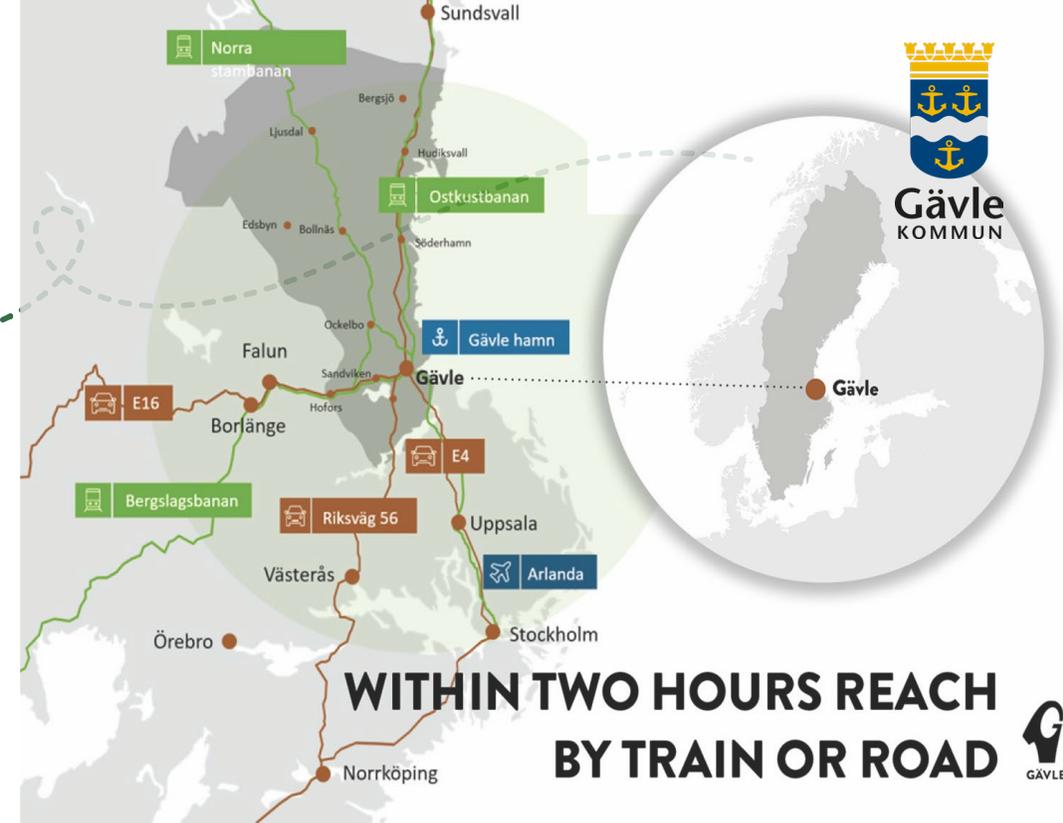
SMART GREEN MOBILITY

SUMPs for BSR

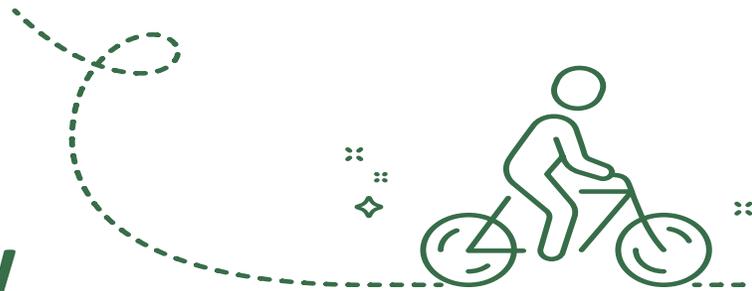


Short Intro & SUMP Context

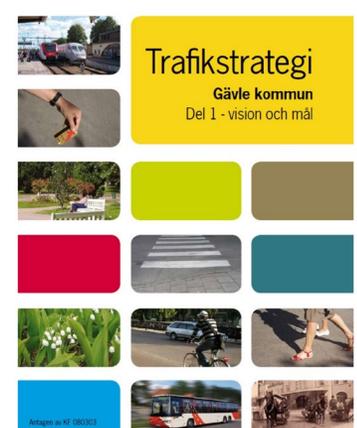
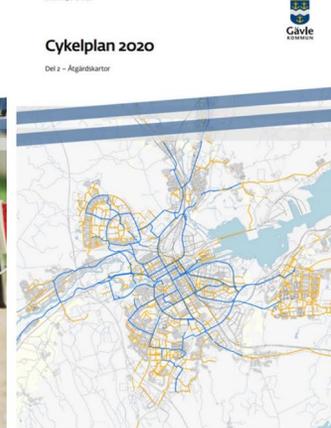
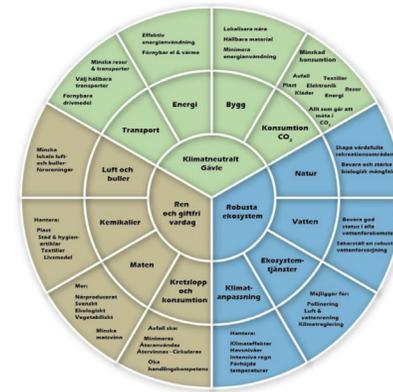
- **Gävle** – a compact port city on the Gulf of Bothnia
- **Population** approx. 104,000, with 94 % living in the urban area
- **Strongly urbanized**, dense city structure with limited sprawl
- **Growth targets:** 150,000 by 2050
- High car access (around 80 %) and substantial commuter inflow from surrounding municipalities.



SUMP Overview



- Transport is responsible for the largest share of local greenhouse-gas emissions – **about 64 %** of the municipality's total
- Sustainable urban mobility **plans and strategies**: Traffic Strategy (Part I, 2008), Traffic Action Plan (Part II, 2014), Strategic Program for the Environment (2013, 2020)
- **Other plans and policies**: Plan for biking (2020), Strategy for the public transportation (2023), Plan for the development of the streets in the city (2023), Parking policy (revised in 2023), Proactive Strategy for air quality (2024)



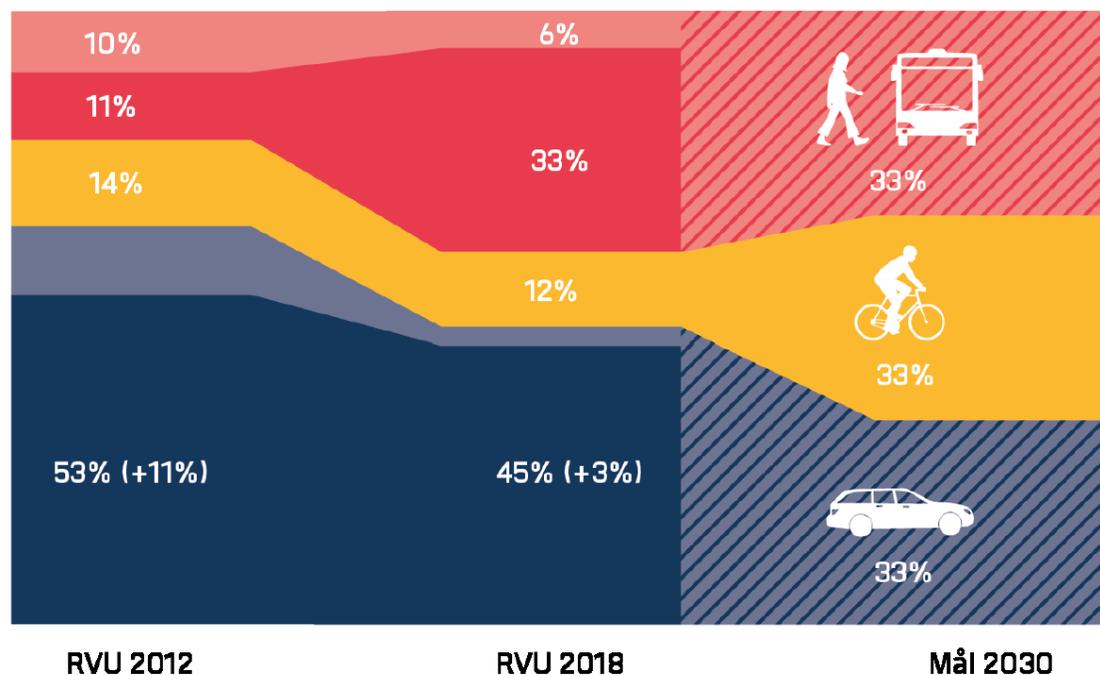
Vision & 2030 Goals



Klimatneutrala Gävle 2035

Vi ska vara en klimatneutral kommun senast 2035 för att säkra kommande generationers rätt till goda livsmiljöer och välfärd.

Trafikslagsfördelning i Gävle 2012, 2018 och målbild 2030. Andel cykelresor ska öka från 12% till 33% och andel bilresor ska minska från 45% till 33% till 2030.



Modal Shift: Two-thirds of trips by walking, cycling or PT – 66 % by 2030.

Set of Indicators Selection Methodology



Strategic Alignment: the result of a systematic selection process that links the overall vision and the specific goals to what can be measured and monitored. (TRAST framework) >75 indicators

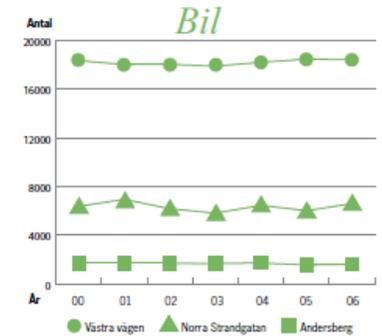
Cross-checked against existing **policy & targets** (Vision Zero, Regional plans, and existing municipal data sources)

Prioritized according to their **impact and policy** relevance. Direct reflection of a goal and provision of leverage for other actions.

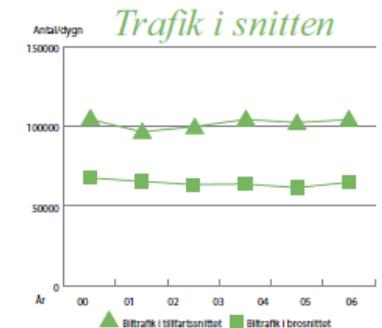
For every potential metric, the **SMART** rule was applied to ensure that each indicator can be tracked over time and can be used to assess progress.

Only phenomena that could be **measured regularly** (at least annually or every 5 years for more complex variables) were kept.

Stakeholder **review** and **validation** by the working group and final approval.



I dessa båda diagram kan man se att biltrafiken varit relativt konstant på 2000-talet. Följer man trafikutvecklingen ännu längre tillbaka så ser det ut på ungefär samma sätt; ingen markant ökning.



Monitoring & Evaluation System



- **Dedicated M & E framework:** *phases – main activities – who is responsible – frequency/timing – output*
- **Phases:**
 - (1) **Baseline establishment** - *most recent data -> Technical office -> Once -> Baseline table*
 - (2) **Regular data pull** – *Trafficweb, Infracontrol, X trafik Ticketing System, Travel Survey, etc..*
 - (3) **Indicator validation** – *Cross-checking & Flagging outliers*
 - (4) **Trend analysis & target assessment** – *Analysts (Excel, PowerBI, GIS)*
 - (5) **Reporting** – *STRATSYS: Pedestrians & Cycling (monthly), Car traffic (need-based), Air quality and noise (yearly)*
 - (6) **Decision support & corrective actions** - *decision-making and investments*
 - (7) **Indicator-list maintenance** - *review of the indicator set (relevance, data availability, alignment with national/regional goals).*

Lessons Learned



- **Turning the vision into measurable indicators** - Turning broad goals into concrete numbers
- **Data availability & quality** - Incomplete, fragmented or inconsistent sources.
- **Ensuring SMART-type indicators** - Ensuring all indicators are Specific, Measurable, ...
- **Frequency of data collection & updating** - Mismatch between required annual updates and data-collection cycles.
- **Coordination and responsibility** - Clear ownership across departments and partners.
- **Validation and comparability over time** - Maintaining consistent methods over time
- **Resource and capacity constraints** - Limited staff, budget, and technical tools.
- **Linking indicators to impact** - Showing causal effect of actions on outcomes.
- **Transparency and public communication** - Balancing public reporting with data-privacy constraints.
- **Long-term relevance and adaptability** - Adapting indicators to evolving policies and technologies.



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Thank you!

