

Kommuninvest Green finance and Swedish local governments

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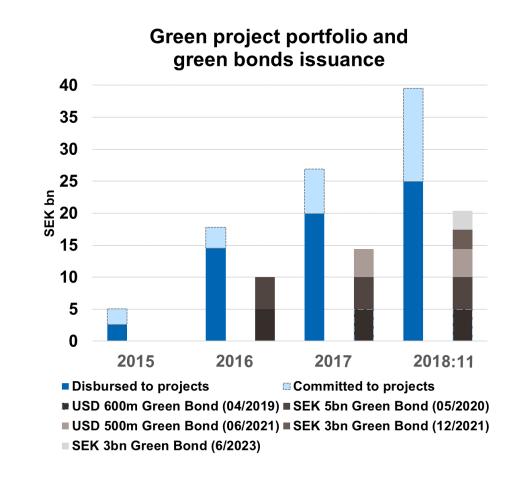
Supporting local government sustainability efforts

Green Loans to members/clients since 2015

- Maturities from 3-25 years
- No floor or cap to loan sizes. Current portfolio: from SEK 0.5 mn to 1.25 bn
- → 7 % of all lending is now green

Green Bonds issued since 2016

- Kommuninvest is Sweden's largest issuer of green bonds
- Leads Nordic public sector initiative on impact reporting

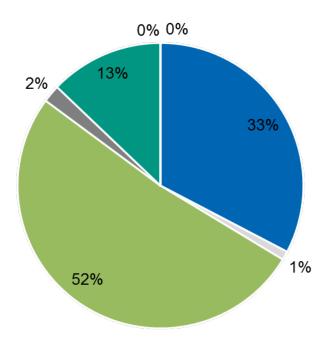






107 members with Green Loans, financing 233 projects

Committed: SEK 39.5 bn



- Renewable Energy
- **Energy Efficiency**
- Green Buildings
- Clean Transportation
- ■Water Management
 ■Waste Management
- Adaptation Measures

Environmental Committee reviews projects



Areas of Expertise

- Energy and climate strategy
- Urban development and planning
- Waste management and circular economy, ecological economics
- **Environmental management**
- Environmental engineering
- Sustainability reporting

Tasks

- Audit and final approval of Green Loan applications
- · Advisory board
- Review and decide on Green Loan reporting
- Review and approve Impact Reporting
- Participate in development of Green Bonds framework





Framework tuned to member demands and investment pattern







Accelerating sustainable investments in Skövde

Obstacle: 10 year ROI requirement for solar energy

- Cooperation between finance, real estate and environmental departments:
- Revised internal rules
- Life cycle perspective applied in ROI analysis
- → Solar energy investments increased from 700 sq.m. to 7,000 sq.m.



Findings

- Sustainability perspectives at times conflict with conventional economics and operational governance
- Cross-interdisciplinary cooperation can be fruitful and constructive
- □ "Silo-bridging", dialogue & cooperation can solve problems

Skövde Municipality

Population: **54,975**

Invt. budget 2018: **SEK 1.1 bn**

External debt: **SEK 3.4 bn**Green Loans: **SEK 1.6 bn**

Total balance sheet: SEK 8.6 bn













Swedish public housing companies: going fossile free

SABO Climate Initiative launched in Nov 2018

Organisation for municipality-owned public housing companies in Sweden. More than 300 members and >800,000 dwellings, housing every 7th citizen. 50% of rental housing market.

Objectives

- A fossile free public housing sector by 2030
- 30% energy efficiency requirement by 2030 (base year: 2007)

Focus areas

- Peak demand and renewable energy
- LCA requirements on contractors
- Climate-friendly living (engaging tenants)

Role of finance/Kommuninvest

- Integrating sustainable finance into early decision-making
- Aligning Green Bonds Framework to support and speed up development.



Anders Wijkman, chair of EIT Climate-KIC and former co-president of the Club of Rome, speaks at the launch of the SABO Climate Initiative in Stockholm 27 Nov 2018

Kommuninvest is a partner for this focus area.

Lessons learned & success factors

- Easy and relevant for clients aggregation model allows financing of small & large projects
- Green finance is a tool for engagement across disciplines; bridges "silos"
- Smart process for qualitative project evaluation and reporting
- Moderate growth despite 2 b.p. incentive

SCALING UP

- → Aligning ownership directives, finance policies & certification schemes: point to green/sustainable/"use-of-proceeds"-financing for sustainable investment projects
- Partnerships and promotion
- Incentives targeting financing costs





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