Finnish perspectives on Nordic cooperation on aviation biofuels

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The MEAE’s mandate covers e.g.: 

- Trade and industrial policy
- Energy policy and integration of national preparation and implementation of climate policy
- Innovation and technology policy, internationalisation of enterprises and technical safety
- Employment and public employment service
- Working environment issues, collective bargaining agreements and arbitration in industrial disputes
- Regional development
- Market effectiveness, promotion of competition and consumer policy.
Selected actions from the government action plan

- Energy and climate strategy for 2030 will be updated

  **Targets:**
  - Renewables for energy (heat, power over 50 %)
  - Energy self-sufficiency (over 55 %)
  - Share of renewables in traffic (40 %)

- Increasing supply of wood and promoting investments in the forest sector, bioeconomy and clean solutions

- Accelerating new innovations in bioeconomy and circular economy by piloting and demonstration using national and European financing

- Team Finland growth programmes to boost exports and international investments to Finland
Finnish strengths in global cleantech markets

**Source:** Sitra Studies 102 (Frost & Sullivan)
Aviation biofuels in Finland

Domestic aviation not growing, now 0.3 CO$_2$ t / year
Helsinki is important international hub 1.9 CO$_2$ t / year

Renewed energy and climate strategy 4Q/2016
- Approach apparently market driven, no direct substitution?
- Aviation most likely included

- Innovative public procurement target 5%, focus on bioeconomy and clean solutions
- National plans for alternative fuel distribution infra could include activities to support aviation biofuel market entry

- Helsinki Green Hub 2020?
Nordic collaboration on aviation biofuels

- Cheap oil and carbon emissions trading strong players
- Paris Agreement and target setting well below 1,5°C drive policy makers in Nordic countries
- Technology transfer and capacity building with developing countries
- Encouraging (aviation) biofuel producers to join their forces
- Standardization and availability of the fuel globally
- Arctic collaboration forum to affect policy makers
- The Nordic Council of Ministers’ Green Growth Projects
Thank You!