

From Scandinavia to Austria with EasyGo+



Franz Hlava, ASFINAG Maut Service GmbH

Toll Systems in Europe Prague 17. June
2014





- What is EasyGo?Key Facts / The Idea behind EasyGo / Key Figures
- What is EasyGo+?
 Key Facts / The Idea behind EasyGo+ / How does it work?
- EasyGo+ Challenges of the Implementation
 Technical / Commercial / Procedural / Lessons Learned
- EasyGo+ AchievementsSuccess / Experience / Conformity to EETS
- What we would like to share





What is EasyGo?

EasyGo is an interoperable tolling service offered for users of toll roads, bridges and ferries in the Scandinavian countries.



Key facts

- Cooperation of Toll
 Chargers from Denmark,
 Norway and Sweden (AS
 Storebaelt, Oresundsbro
 Konsortiet, NPRA, SRA)
- A Service for all vehicles
- ■One DSRC OBE one contract one invoice for tolling in 3 countries
- ■OBE issued by local TSPs
- Available since March2007



The idea behind EasyGo

Situation in 2003-2005

- Significant cross border traffic in Scandinavia
- Several toll stations on national borders (Øresund, Svinesund, ferries)
- Significant costs and losses in collection of tolls from foreign vehicles
- Varying specifications and procedures



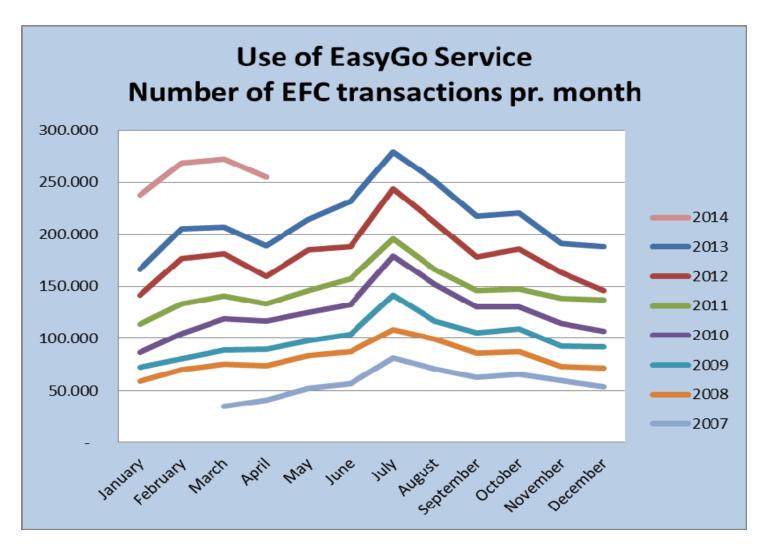
A feasibility study in 2004 showed that a common Scandinavian system:

- could include all existing local systems / specifications
- was feasible from a contractual, technical and operational point of view within the existing legislation of the 3 countries
- could increase efficiency in collection of tolls from foreign vehicles
- would greatly improve user convenience
- could be the basis for a joint development of the tolling systems towards Europe

The EasyGo service started commercial operation on March 1st 2007



EasyGo Key Figures







EasyGo+ is the new interoperable tolling service offered for users of toll roads, bridges and ferries in the Scandinavian countries + Austria.



Key facts

- ■Cooperation of Toll Chargers from Denmark, Norway and Sweden and Austria (AS Storebaelt, Oresundsbro Konsortiet, NPRA, SRA, ASFINAG)
- ■A service for drivers of vehicles <u>above 3.5t</u>
- ■One DSRC OBE one contract one invoice for tolling in 4 European countries
- ■OBE issued by 2 EasyGo+ TSPs
 - BroBizz A/S and ASFINAG ETS
- Available since November 2013



The idea behind EasyGo+

2009 Decision to develop interoperability between the Nordic countries and Austria

Main objectives

- ■Commercial solution for interoperable toll collection for heavy vehicles above 3.5t between the Nordic countries and a central European country
- ■Demonstrate interoperability between regions in a European context and identify the needs of a pan-European tolling service
- Aim at being at the forefront of the European development.
- ■Demonstrate a cross border solution according to the EFC Directive

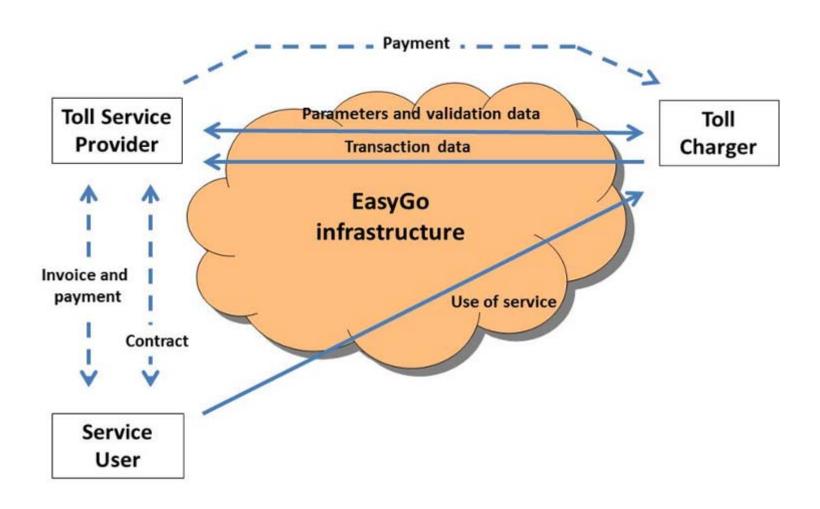


2013 Start of the EasyGo+ service



EasyGo+

How does it work?





easyGo

EasyGo+

Challenges of the Implementation

Technical

- System upgrades
- Testing between regionally displaced partners
- Suitability for Use Tests
- **Quality parameters**
- Security requirements

Commercial

- Invoicing in different currencies and VAT rules
- Differentiation Fee/Tax
- Contractual negotiations
- Differences in interpretation of the European Payment Service Directive

Procedural

- Implementation of TC and SP role according to EETS
- Mandatory vs. non-mandatory OBU
- Definition of common Business Processes
- Definition of exchange of information
- Different enforcement strategies



EasyGo+

Challenges of the Implementation

Lessons Learned

Interoperability is time-consuming and cost-intensive

Interoperability projects need confidence, full transparency and commitment on all involved sides

Not only technical but also cultural differences should not be underestimated





What we would like to share

- Including new actors into EasyGo/EasyGo+
- Documentation
 - ✓ Contracts
 - ✓ Specifications
 - ✓ Test procedures incl. Suitability for use tests
 - ✓ Quality system / KPIs
 - ✓ Operational procedures
- The EasyGo infrastructure/interfaces (EasyGo HUB)
- Experience

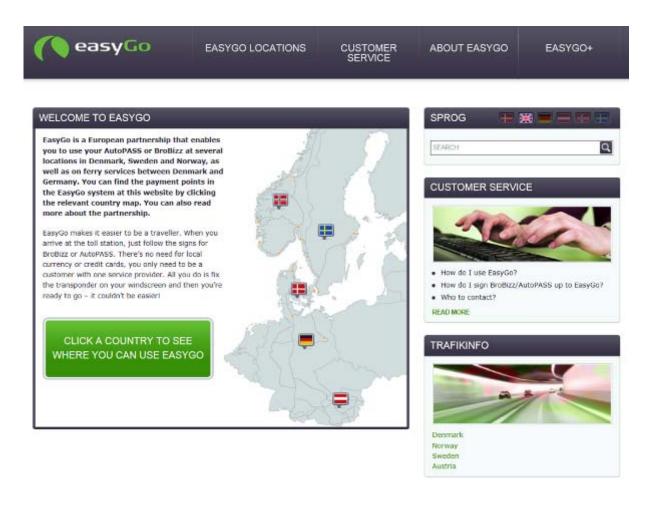
(> 7 years in commercial operation)





What we would like to share

www.easygo.com







Franz Hlava
ASFINAG Maut Service GmbH
franz.hlava@asfinag.at