

# Overview of annexes to contracts JVA and TSPA

## Annex 4.1 to Joint Venture Agreement Toll Service Provider Agreement

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## Document Revision History

Version	Date	Author	Main changes
16.0	2014.01.22	ASK	Revision of document as proposed by EM 21/1 (new structure)
17.0	2014.02.18	SGA	Update of doc 904
18.0	2014.05.05	SGA	Update of doc. No. 307
19.0	2014.05.06	SGA	Revision of colour markings
20.0	2014.06.10	SGA	Update of doc. 203 and 206
21.0	2014.06.19	SGA	Update of 003 and 208
22.0	2014.09.10	SGA	Updated of doc. 201, 206, 207 and 303
23.0	2014.09.23	SGA	Update of doc. 404
24.0	2014.11.14	SGA	Update of doc 002, 101, 205, 305, 306 and 904
25.0	2015.01.07	SGA	Update of doc. 201, 203 and 902
26.0	2015.03.27	SGA	Update of doc 102 and 304
27.0	2015.04.22	SGA	Updated of doc 404
28.0	2015.08.31	SGA	Update of doc 402, new doc 906
29.0	2015.11.27	SGA	Update of doc 403
30.0	2016.02.02	SGA	Update of doc 206 and 906
31.0	2016.05.24	SGA	Update of doc. 202-B and 307
32.0	2016.08.18	SGA	Update of docs. 001, 002, 101, 203 and new docs. 004, 005, 006, 104 and 105
33.0	2016.11.08	SGA	Update of 003, 404 and 901
34.0	2017.02.01	SGA	Update of 202-B, 303 and 402
35.0	2017.04.25	SGA	Update of 201, 203 and 205 + update of terms and definitions
36.0	2017.05.11	SGA	Update of 202 and 906
37.0	2017.08.03	SGA	Update of 901 and 904
38.0	2017.12.01	SGA	Update of 206, 402, 403, 404, 906




As this document gives an overview of valid versions of all EasyGo documents it is updated on a regular basis by document manager.

## 1 Overview of EasyGo documents

Doc no	Document title	Annexes to JVA TSPA		Status	Version	Date	Dist.
	<b>Agreements</b>						
001	Joint Venture Agreement (JVA)	-	-		3.0	18.08.2016	
002	Toll Service Provider Agreement (TSPA)	-	-		3.0	18.08.2016	
003	Toll Charger Adhesion Agreement Letter	-	-	Approved	3.0	07.10.2016	
004	Personal Data Processing Terms – Toll Charger	-	0.4	Approved	2.0	18.08.2016	
005	Personal Data Processing Terms - Toll Service Provider	0.5	-	Approved	1.0	18.08.2016	
006	IT Services Agreement	-	-	Approved	1.0	18.08.2016	
006-A	Appendix 1. Technical environment	-	-	Approved	-	04.05.2016	
006-B	Appendix 2. Governance and organisation	-	-	Approved	-	04.05.2016	
006-C	Appendix 3. Pricing	-	-	Approved	-	09.05.2016	
	<b>Annexes</b>						
	<b><u>1. Organisation</u></b>						
101	Definition of the support organisation	1.1	-	Approved	6.0	15.08.2016	
102	Budget and agreed contribution quotas	1.2	-	Approved	4.0	02.03.2015	
103	EasyGo security policy	1.3	1.3	Approved	1.0	28.08.2013	“
104	Toll Charger - Requirements to a Service Recipient regarding the use of the EasyGo hub Services	1.4	-	Approved	1.0	18.08.2016	
105	Toll Service Provider - Requirements to a Service Recipient regarding the use of the EasyGo hub Services	-	1.5	Approved	2.0	18.08.2016	
	<b><u>2. Common technical definition</u></b>						
201	Requirements for central systems and EasyGo HUB	2.1	2.1	Approved	7.0	30.03.2017	“
202	OBE & road side equipment	2.2	2.2	Approved	3.0	04.05.2017	“
202-A	Functional requirements for EasyGo+ OBUs			Approved	2.0	02.05.2013	“
202-B	EasyGo+ OBU personalisation, configuration and operating parameters			Approved	4.0	24.11.2016	“
202-C	EasyGo+ DRSC transaction for tolling and enforcement			Approved	2.0	02.05.2013	“
202-D	EasyGo+ RSE functional requirements			Approved	2.0	02.05.2013	“
202-E	EasyGo+ OBE compatibility tests			Approved	1.0	02.05.2013	“
203	Technical requirements data formats and interface specifications	2.3	2.3	Approved	9.0	30.03.2017	“
204	<i>Void</i>						
205	DSRC key management	2.5	2.5	Approved	3.0	30.03.2017	“
206	EasyGo test strategy	2.6	2.6	Approved	6.0	2017.11.20	“
207	Interface test specification. Central systems – EasyGo HUB	2.7	2.7	Approved	3.0	04.09.2014	“
208	Requirements for VPN access to the EasyGo HUB	2.8	2.8	Approved	2.0	16.06.2014	“

Doc no	Document title	Annexes to		Status	Version	Date	Dist.
		JVA	TSPA				
	<b>3. <u>Common service definition</u></b>						
301	Minimum set of clauses of the agreement between Toll Service Provider and Service User	-	3.1	Approved	1.0	07.12.2012	CC
302	Principles for handling of customer relations and complaints	3.2	3.2	Approved	2.0	02.05.2013	CC
303	Currency selection principles	3.3	3.3	Approved	3.0	26.01.2017	CC
304	Invoicing specifications	3.4	3.4	Approved	2.0	02.03.2015	CC
305	<i>Void</i>						
306	Issuer Fee	-	3.6	Approved	3.0	04.04.2014	
307	EasyGo quality system	3.7	3.7	Approved	2.0	12.05.2016	CC
	<b>4. <u>Other</u></b>						
401	Overview of annexes to contracts JVA and TSPA	4.1	4.1	Approved	38.0	2017.12.01	CC
402	Norwegian Toll Chargers and Toll Service Providers	4.2	4.2	Approved	6.0	2017.09.21	
403	Business Processes	4.3	4.3	Approved	3.0	2017.11.20	
404	Overview of organisations involved with EasyGo	4.4	4.4	Approved	6.0	2017.12.01	
	<b>Guidelines and procedures</b>						
901	Interoperable tolling across Europe	-	-	Approved	6.0	28.07.2017	
902	EasyGo strategy	-	-	Approved	1.0	10.12.2014	
903	Specification for EETS suitability for use test in EasyGo	-	-	Approved	1.0	27.02.2013	
904	Management of EasyGo documents	-	-	Approved	5.0	28.07.2017	
905	<i>Void</i>						
906	EasyGo action plan	-	-	Approved	3.0	04.05.2017	

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## 2 Terms and definitions

The list below includes terms, definitions and abbreviations used in EasyGo documents.

The JVA and the TSPA include own definitions.

ACFC	AutoPASS Collection and Forwarding Central (for Norwegian entities)
ACT	Actor Table
Actor	Any party involved in EasyGo. Toll Service Provider, Toll Charger or Interoperability Management
Affiliation Fee	The contributions made by the applicant Toll Charger, as calculated and composed pursuant to Section 5
Agreement	The present Joint Venture Agreement or Toll Service Provider Agreement
AIT	Accepted Issuer Table
Annexes	The Annexes listed in Annex 4.1 (this document)
ANSI	American National Standards Institute
Applicant	An entity not yet part of EasyGo which applies to join EasyGo
Appointed party	The entity appointed by the EasyGo Steering Committee to implement and maintain the EasyGo HUB
ASECAP	Association Européenne des Concessionnaires d'Autoroutes et d'Ouvrages à Péage
Association Fee	The yearly contributions made by the Parties to cover the operational costs of the EFC Interoperable Systems as calculated and composed pursuant to Section 5
AutoPASS	The Norwegian specification for EFC tolling
Billing detail	All necessary data required to determine the amount due for a Service User for a given

	transport service
BIN	First part of the PAN no. identifying the issuer
Black list	A list issued by a Toll Service Provider containing OBE/PAN no longer to be accepted by the Toll Chargers
BroBizz	EFC system used at Storebælt and Øresund and others
CEN	Committee European Normalisation
CESARE	Common EFC system for an ASECAP Road Tolling European System. Several EU funded projects bear this name. The latest, CESARE IV, was finalised late 2009.
CFC	Collection and Forwarding Central; Central for the collection and distribution of data between Toll Service Providers and Toll Chargers
CI	Contract issuer, Toll Service Provider
Common Service Definition	The main services to be supplied to the Service Users by the Parties in relation to the purpose and scope of the EFC Interoperable Systems, as well as the principles to be applied by the Parties in connection therewith for the EASYGO SERVICE and the EASYGO+ SERVICE as detailed herein and in the relevant Annexes to this agreement listed in Annex 4.1
Common Technical Definition	The specifications and requirements on road-side and on-board equipment as well as on the architecture, hardware & software and means of communication for the management and exchange of the data elements used in the EFC Interoperable Systems as detailed in the relevant Annexes to this agreement listed in Annex 4.1
Context data	ACT + TST + AIT
Context mark	Comprises the organisation that issued the contract, the type of contract and the context version

CPE	Charging Point Equipment
CREATE	The project defining the EasyGo+ service (Charging Road Users in EasyGo and ASFiNAG Towards EETS).
CS	Central system (also called toll administration system)
Data Controller	Any person or body who (either alone or jointly or in common with other persons) determines the purposes and means of the processing of personal data; A Data Controller must be a “person” or body recognised in law, that is to say: - individuals, organisations and other corporate and unincorporated bodies of persons
Data Processor	any person or body (other than an employee of the data controller) who processes personal data on behalf of the Data Controller
DSRC	Dedicated Short Range Communication
EasyGo	The service described by this document
EasyGo hub (EGH)	The hub to which all EasyGo actors connect and which collects and distributes information between them
EasyGo Interoperability Management (EIM)	The management body of EasyGo consisting of the EasyGo steering committee (ESC), EasyGo management (EM), and the EasyGo security group (ESG)
EasyGo Steering Committee (ESC)	The primary decision making entity in EasyGo
EasyGo+	The interoperable service for HGVs between Scandinavia and Austria
EETS	European Electronic Toll Service
EFC	Electronic Fee Collection
EGH	EasyGo hub
EIM	EasyGo interoperability management; i.e. interoperability management as it is defined



	within the EasyGo service
EN	European Norm
Entity	A general term identifying either an actor or an operational group (EasyGo steering committee, EasyGo management, EasyGo security group, EasyGo working groups) in EasyGo
ENV	European Norm
Exception list	See Black list
Financial object	Data elements required for financial settlement
FIC	Financial Information Confirmation
FIF	Financial Information File
FTP	File Transfer Protocol
General Parties	The Norwegian toll road operators listed in Annex 4.2 represented by the Norwegian Public Roads Administration, A/S Storebælt, Transportstyrelsen, Øresundsbro Konsortiet and ASFINAG
HGC	Heavy Goods Vehicle Confirmation
HGV	Heavy Goods Vehicles
HGV list	A list issued by a Toll Service Provider containing license plates and OBE/PAN for which he holds a valid contract for with a Service User
HSM	Hardware Security Module
IIN	Issuer Identifier Number
IOM	Interoperability management as defined by EETS/REETS
Interoperable EFC	Giving the Service Users the benefit of using an OBE and the payment means provided by a Toll Service Provider thereof for obtaining access to transport related services supplied by Toll Chargers

ISO	International Standardisation Organisation
Issuer	See Toll Service Provider
JVA	The Joint Venture Agreement between EasyGo Toll Chargers
LF	Line Feed
Limited Parties	A Toll Charger which has signed the adhesion agreement and is listed in Annex 4.4
Local Network	The toll road network directly managed by one of the General Parties to the Agreement as well as the Limited Parties
LPN	License Plate Number
MII	Major Industry Identifier
MLFF	Multi Lane Free Flow
NAC	Not Accepted Table Confirmation
NAT	Not Accepted Table
NAT list	See Black list
Network of the EasyGo Service	The whole of Local Networks (including any possible future changes) operated by any Toll Charger for which the EasyGo Service is offered
Network of the EasyGo+ Service	The whole of Local Networks (including any possible future changes) operated by any Toll Charger for which the EasyGo+ Service is offered
NORITS	NORdic Interoperable Tolling System – Project name of EasyGo
OBE / OBU	On Board Equipment / On Board Unit
Operator	See Toll Charger
PAN	Personal Account Number
Parties	The General Parties and all Limited Parties

Payment means	The payment means accepted by the Toll Chargers all over the Network, issued by the Toll Service Provider to the Service Users, allowing him to pay the fees/tolls for services offered throughout the Network
Penalty	Fee to be paid by enforced users to avoid prosecution
PISTA	Pilot on Interoperable Systems for Tolling Applications (project name)
POS	Point of Sale
Processing fee	The Toll Service Provider shall pay a fee per transaction (the "Processing Fee") for a Service Recipient's use of the EasyGo hub Services based on the share of transaction lines sent in the TIF files
PSP	Payment Service Provider
RSA	Asymmetric public key encryption method, named after Rivers, Shamir and Adleman
RSAES-OAEP	RSA Encryption Scheme with Optimal Asymmetric Encryption Padding
RSASSA-PSS	RSA Signature Scheme with Appendix - Probabilistic Signature Scheme
RSE	Roadside Equipment
Service User (SU)	The person and/or the entity having an agreement with an Toll Service Provider for using the transport related services provided by a Toll Charger
Service Recipient	An external party (external toll service provider or external toll charger) that an EasyGo Party enters into a commercial agreement with regarding the use of the EasyGo hub and the services related hereto.
SLA	Service Level Agreement
SP	Service Provider

SU	Service User
Support organisation	The organisation established for the purpose of administering the EasyGo service
TC	Toll Charger. The term used in EasyGo for an entity operating a toll domain (including RSE)
TCSR	Toll Charger Service Recipients – An external toll charger that a party to the EasyGo Toll Service Provider Agreement has entered into a commercial agreement with regarding the use of the EasyGo hub and the services related hereto. See section 16 to the EasyGo Toll Service Provider Agreement, and section 11 to the EasyGo Joint Venture Agreement.
TDS	Toll domain statement
TIC	Transaction Information File Confirmation
TIF	Transaction Information File
Toll Charger (TC)	The term used in EasyGo for an entity operating a toll domain (including RSE)
Toll Service Provider (TSP)	The term used in EasyGo for an entity issuing OBE to Service Users
Toll Service Provider Agreement (TSPA)	An Agreement between the Toll Chargers and an entity responsible for the issuing of OBE to be used by the Service Users within EasyGo
Transaction fee	See “Processing fee”
TSP	Toll Service Provider
TSPA	Toll Service Provider Agreement
TSPSR	Toll Service Provider Service Recipients – An external service provider that a party to the EasyGo Toll Service Provider Agreement has entered into a commercial agreement with regarding the use of the EasyGo hub and the services related hereto. See section 16 to the EasyGo Toll Service Provider Agreement, and section 11 to the EasyGo Joint Venture

	Agreement.
TST	Toll Station Table. A list containing all toll sections and toll stations on the tolled road network; this list has to be updated to reflect any changes on the tolled road
TTP	Trusted Third Party
UTC	Universal Time Coordination
VAT	Value Added Tax
VLP	Vehicle License Plate
VPN	Virtual Private Network. Encrypted connection between two network points
White list	A list of valid OBEs. See also HGV list
XML	EXtensible Markup Language (File transfer protocol)