Economic Commission for Europe

Inland Transport Committee

Working Party on Customs Questions affecting Transport

**Informal Ad hoc Expert Group on Conceptual and
Technical Aspects of Computerization of the TIR Procedure**

Twentieth session
Prague, 19-20 April 2012
Item 5 of the provisional agenda
Financial implications of the introduction of the eTIR international system

Draft cost-benefit analysis (part 5)

Note by the secretariat

I.   Background

1.   At its forty-eighth session, further to requests from the Inland Transport Committee (ITC), WP.30 and Informal Ad hoc Expert Group on Conceptual and Technical aspects of Computerization of the TIR Procedure (GE.1), the TIR Executive Board mandated the secretariat to conduct a cost-benefit analysis of the eTIR Project (TIRExB/REP/2011/48final para. 10). Consequently, taking into account the funds available in the TIRExB consultancy budget line and the task to be undertaken, the TIR secretariat requested the relevant services in the United Nations Office at Geneva (UNOG) to issue a tender. In line with the applicable United Nations procurement principles, rules and procedures, UNOG sent out a request for quotes to five companies. Two companies submitted a bid, which were evaluated. Subsequently, the contract was awarded to the qualified bidder whose bid substantially conformed to the requirements set forth in the solicitation documents and who had been evaluated as being most cost-efficient for the United Nations.

2.	Considering that the cost-benefit analysis has not yet been finalised and consolidated into a single document, the various chapters are presented independently. The draft cost-benefit analysis is reproduced in the annexes of the following informal documents:

Informal document GE.1 No.6a (2012)	System Architecture alternatives
Informal document GE.1 No.6b (2012)	Costs Analysis
Informal document GE.1 No.6c (2012)	Benefits Analysis and Cost-Benefit Analysis
Informal document GE.1 No.6d (2012)	Executive summary and recommendations
Informal document GE.1 No.6e (2012)	Annex : References and applicable documents

## II.	Disclaimer

3.	All parts of the cost-benefit analysis, including but not limited to the various assumptions on which they are based, are the sole responsibility of the authors and do not necessarily reflect the views of the UNECE secretariat. As yet, the UNECE secretariat's contribution to the analysis has been limited to ensuring that the methodologies required for a successful cost-benefit analysis have been properly applied. Considering that the cost-benefit analysis is still under review and may, possibly, be subject to further amendments, the results presented in the annex should be considered as provisional and as merely intended to brief GE.1 on the current state of play with regard to the issue at stake.

## III.	Further considerations

4.	The GE.1 may wish to consider the part of the cost-benefit analysis as contained in the annex, provide comments or suggestions for its improvement as well as, possibly, formulate first and preliminary recommendations with regard to the most appropriate – or most realistic – option to be pursued.

Annex   References and applicable documents

United Nations

Economic Commission for Europe

Inland Transport Committee

Project:

Cost Benefit analysis of eTIR system

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Cost Benefit analysis of eTIR

system

Annex I – Referenced documents

April 2012

Version: Draft-02-31

Cost Benefit analysis of eTIR system

Annex I-Referenced documents*

Deliverable: Phase 1: Project Setup

Ref: UNECE-eTIR-CBA-EST-ANNEX-0

Version 02-31 / 12/03/2012 - draft

Delivered by SIVECO ROMANIA SA	Accepted UNECE
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Deliverable sent to UNECE for Acceptance.

Revisions of main document

Version	Rev.	Date	Description	Author	Action (*)	Chapter
02	21	12/03/2012	Creation	Iacob Crucianu	I	All
02	31	13/04/2012	Synchronization with other documents	Iacob Crucianu	I	All

(*) Actions: I = Insert, U = Update, D = Delete, M = Merge, C=Comments

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0. INTRODUCTION

The present annex is considered as part of all documents related to cost benefits analysis for eTIR project , and contains a list of referenced documents and the bibliography used when preparing the main documents.

1. REFERENCE AND APPLICABLE DOCUMENTS

1.1. REFERENCED DOCUMENTS

The following documents are not contractually binding but they provide useful information for the successful outcome of this Project.

	Title	Date	Version	Author(s)
R1	eTIR Reference Model – Version 3.0 • **Revision of the Convention – Preparation of Phase III of the TIR revision process**	June 2011	ECE/TRANS/WP.30/2011/3	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R2	eTIR Reference Model – Version 3.0 • **Reference Model of the TIR Procedure Design**	March 2011	ECE/TRANS/WP.30/2011/4	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R3	eTIR Reference Model – Version 3.0 • **Reference Model**	September 2011	ECE/ /TRANS/WP.30/GE.1/ 2011/10	Economic Commission for Europe Inland Transport Committee

	of the TIR Procedure XML			Working Party on Customs Questions affecting Transport
R4	**eTIR Reference Model – Version 3.0** • **Amendment proposal on the introduction of international declaration mechanisms**	September 2011	ECE/ /TRANS/W P.30/GE.1/ 2011/09	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R5	**Findings of the Ankara meeting (19–20 October 2010)**	October 2010	ECE/ /TRANS/W P.30/GE.1/ 2010/05	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R6	The International Road Transport Union's contribution to the assessment of the financial implications of the introduction of the eTIR international system	September 2011	ECE/ /TRANS/W P.30/GE.1/ 2011/11	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R7	Financial implications	March 2011	Informal	Economic Commission

	of the introduction of the eTIR international system; informal input paper of UNCTAD ASYCUDA programme to the 18th session of the UNECE Informal Ad-hoc Expert Group on Conceptual and Technical Aspects of Computerization of the TIR Procedure		document GE.1 No. 2 (2011)	for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R8	Report of the Informal Ad hoc Expert Group on Conceptual and Technical Aspects of Computerization of the TIR Procedure on its seventeenth session (8–9 March 2010)	8–9 March 2010	ECE/TRANS/WP.30/GE.1/2010/4	Economic Commission for Europe Inland Transport Committee Working Party on Customs Questions affecting Transport
R9	IRU B2C B2C-C2B AskTIR Presentation Presentation to GE.1Belgrade, 13-14 September 2011	September 2011		IRU
R10	TIR B2C/B2B Computerization	March 2011		IRU

	Status and Cost Considerations Geneva, March 9-10th2011			
R11	IRU B2C--C2B TIRCUTE web Presentation Presentation to GE.1 Belgrade, 13 13-14 September 2011	September 2011		IRU
R12	IRU B2C B2C-C2B TIR TIR-EPD and RTS Progress Presentation to GE.1 Belgrade, 13 13-14 September 2011	September 2011		IRU
R13	French Customs IT system : recent developments concerning TIR and transit	March 2011	GE1 08/03/2011	French Customs
R14	SEED Project – Cost of Implementation	March 2011		Serbian Customs
R15	TR-eTIR	March 2011	V01	Turkish Customs

	Computerization of TIR Procedure TCA approach			Administration
R16	TR-eTIR Computerization of TIR Procedure TCA approach	September 2011	V02	Turkish Customs Administration
R17	**UNECE-eTIR_CBA-ARCH-v02-41.doc**	**April 2012**	**v02-41**	**SIVECO ROMANIA SA**
R18	**UNECE-eTIR_CBA-EST-v09-51.docx**	**April 2012**	**v09-51**	**SIVECO ROMANIA SA**
R19	**UNECE-eTIR_CBA-BEN-v09-31.docx**	**April 2012**	**v09-31**	**SIVECO ROMANIA SA**
R20	**UNECE-eTIR_CBA-SUMMARY-v05-41.docx**	**April 2012**	**v05-41**	**SIVECO ROMANIA SA**

1.2. APPLICABLE DOCUMENTS

Hereafter is the list of existing or future documents binding in the project, by order of seniority:

- Invitation to Tender (with all annexes)

- SIVECO Offer submitted on December 2011

- Purchase Order ps-17976 /16 12 2011

- Inception Report

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[6] John Rhoton and Risto Haukioja – **Cloud Computing Architected** – Recursive Press – 2011

[7] John Rhoton and Risto Haukioja – **Cloud Computing Explained** – Recursive Press – 2011

[8] Steve McConnell - **Software Estimation: Demystifying the Black Art** (Best Practices (Microsoft)) - 2006

[AC] Amazon.com - Amazon clouds documentation

[GC] Google.com – Google clouds documentation

[MC] Microsoft.com - Microsoft Azure documentation

[OC] Oracle – Oracle clouds documentation

[DGTAXUD] NCTS documentation