



## Deliverable 5.1

# Stakeholder Analysis Report

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<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

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Editor:	Lipika Deka
Institution:	Loughborough University(LU)
E-mail:	l.deka@lboro.ac.uk

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## Change Control

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## Consortium Information

Name (and contact data)	Institution (incl. address)
Professor Michael Henshaw Email: <a href="mailto:m.j.d.henshaw@lboro.ac.uk">m.j.d.henshaw@lboro.ac.uk</a> Telephone: +44(0)1509 635269	Loughborough University (LU) Leicestershire LE11 3TU United Kingdom
Dr. Meike Reimann Email: <a href="mailto:Reimann@steinbeis-europa.de">Reimann@steinbeis-europa.de</a> Telephone: +49 72193519119	Steinbeis-Europa-Zentrum Erbprinzenstrasse 4-12 Karlsruhe 76133 Germany
Professor John Fitzgerald Email: <a href="mailto:john.fitzgerald@ncl.ac.uk">john.fitzgerald@ncl.ac.uk</a> Telephone: +44 191 208 7087	Newcastle University (UNEW) Newcastle upon Tyne NE1 7RU United Kingdom

## Authors

Name	Institution	Contact
Lipika Deka	Loughborough University	<a href="mailto:l.deka@lboro.ac.uk">l.deka@lboro.ac.uk</a>
Michael Henshaw	Loughborough University	<a href="mailto:M.J.D.Henshaw@lboro.ac.uk">M.J.D.Henshaw@lboro.ac.uk</a>

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## Executive Summary

This report provides the TAMS4CPS stakeholder classification framework for suitable stakeholder management and maintenance of a stakeholder list.

### 1 Introduction

The primary aim of TAMS4CPS is to lay the foundations for concrete EU-US collaboration in modelling and simulation (M&S) for Cyber-Physical Systems (CPS). To be able to achieve this, TAMS4CPS aims to proactively engage relevant stakeholders to ensure that the requirements of industry are translated into specific guidance that influences the collaboration and research agenda. This task will involve development of a suitable stakeholder management framework in which to classify stakeholders, creation and subsequent maintenance of the stakeholder list. Webinars will be a key dissemination method within TAMS4CPS as this enables the project to interact directly with significantly more stakeholders than would be possible through face-to-face meetings. The stakeholder list created as part of this task will be particularly important for promotional purposes to ensure appropriate participation in these webinars. Effective stakeholder interactions and input will also be helpful in compiling the impact analysis report at the end of the project, which will articulate the nature and anticipated significance of impacts associated with particular M&S research developments.

This report will mainly comprise of the framework for stakeholder classification i.e. the framework within which TAMS4CPS will record information on stakeholders for more effective interaction. The list of stakeholders will be maintained separately by the project team and will not be included within this report. This list (maintained in a excel spreadsheet) is attributed by the name of the stakeholder, organisation, contact details, area of expertise and specifics of any interactions had with them. The area of expertise will be maintained as a pop-down list of keywords to avoid ambiguity and avoiding synonymous terms.

### 2 Stakeholder Categories

This classification of stakeholders described within the T-AREA-SoS [T-Area-SoS] project forms the basis of stakeholder classification within this deliverable.

#### 2.1 Primary Stakeholders

Primary stakeholders are those who are ultimately affected by the system, i.e. who expect to benefit from or be adversely affected by the system and who need to interact directly with the system

### 2.1.1 EU Commission

This comprises of the division within the EU Commission involved in the Digital Agenda for Europe initiative

### 2.1.2 Expert Community

This community of stakeholders comprises of experts (developers, users as well as people with commercial interest) from the fields of CPS, M&S and Internet of Things (IoT) from industry and academia. Hence, this category can be further classified as:

#### 2.1.2.1 Industry

#### 2.1.2.2 Academia

## 2.2 Secondary Stakeholders

Secondary stakeholders are those with an intermediary role in the development or use of a system. They may need to interact indirectly with the system by providing input to or using output from the system

### 2.2.1 Funding bodies

This category is made up of funding bodies interested in the identified priority research and development needs as well as the strategic research agenda for Transatlantic collaboration. The stakeholders will also involve funding bodies in the capacity of key enablers for Trans-Atlantic collaboration in modelling and simulation for cyber-physical systems. Funding body comprises of:

#### 2.2.1.1 National

#### 2.2.1.2 International

## 2.3 Tertiary Stakeholders

Tertiary stakeholders are those who are not involved or affected by a new or changed system, but can influence opinions either for or against system design options. This category can be further subdivided as:

### 2.3.1 M&S for CPS developers

### 2.3.2 M&S for CPS operators

### 2.3.3 M&S for CPS users

### 3 Conclusion

Task 5.2 of TAMS4CPS includes development of a suitable stakeholder management framework in which to classify stakeholders and the present deliverable 5.1 comprises of this classification framework.

### References

[T-Area-SoS] <https://www.tareasos.eu/> . Accessed on 31/07/2015