

ERA Convention 2011

“Growth Again”

COMMITTEE REPORT EQUIPMENT TECHNOLOGY AND THEFT

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Equipment Technology and Theft Committee

- **Started in October 2011**
- **2 components:**
 - **Equipment Technology WG (new)**
 - **Equipment Theft WG (former Equipment Theft Committee)**

Equipment Technology Working Group

- Participating Organizations**

Rental Companies		Equipment Manufacturers	
Aggreko	Loxam	Caterpillar	Terex
A-Plant	MVS Zeppelin	Hilti	Genie
Boels	Ramirent	Hitachi	Volvo
Cramo	Speedy Hire	JCB	
HSS Hire	Workx		
Kiloutou			

Equipment Technology and Theft Committee

- **2 Subgroups / Priorities**

Equipment Design

- Built-in security and maintenance devices
- Customization of offering for rental companies
- Improvement of productivity
- New technologies

Operations and Maintenance

- Total cost of ownership
- Maximization of time utilization
- Rental companies' control on maintenance
- Spare part management

Equipment Design

Rental Companies' Wish List

- **Common interface to IT systems (common protocol that allows interlinking software and systems)**
- **Traceability (GPS)**
- **Scheduled maintenance planning based on the operational hours and possible to see service history**
- **Fault codes and error history read out**
- **Users reports by hours, location, days off etc..**
- **Remote connectivity to enable rental companies to monitor and disable machine if required**
- **Easy to fit and use**
- **Cheaper and simply devices for lower value asset without own energy power**
- **Standard plug in system to machines Canbus (is standardized on Trucks)**

Equipment Design

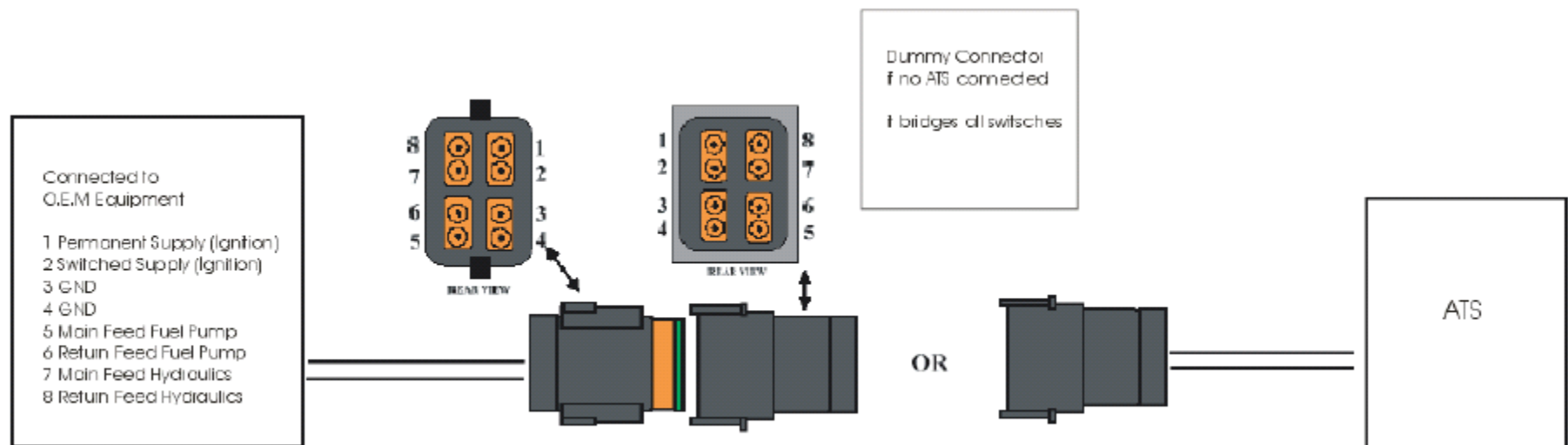
Next Steps

- **Rental companies to better define / specify their demands;**
- **ERA to request input from all rental companies in membership and national rental associations;**
- **Manufacturers to provide their view on the wish list;**

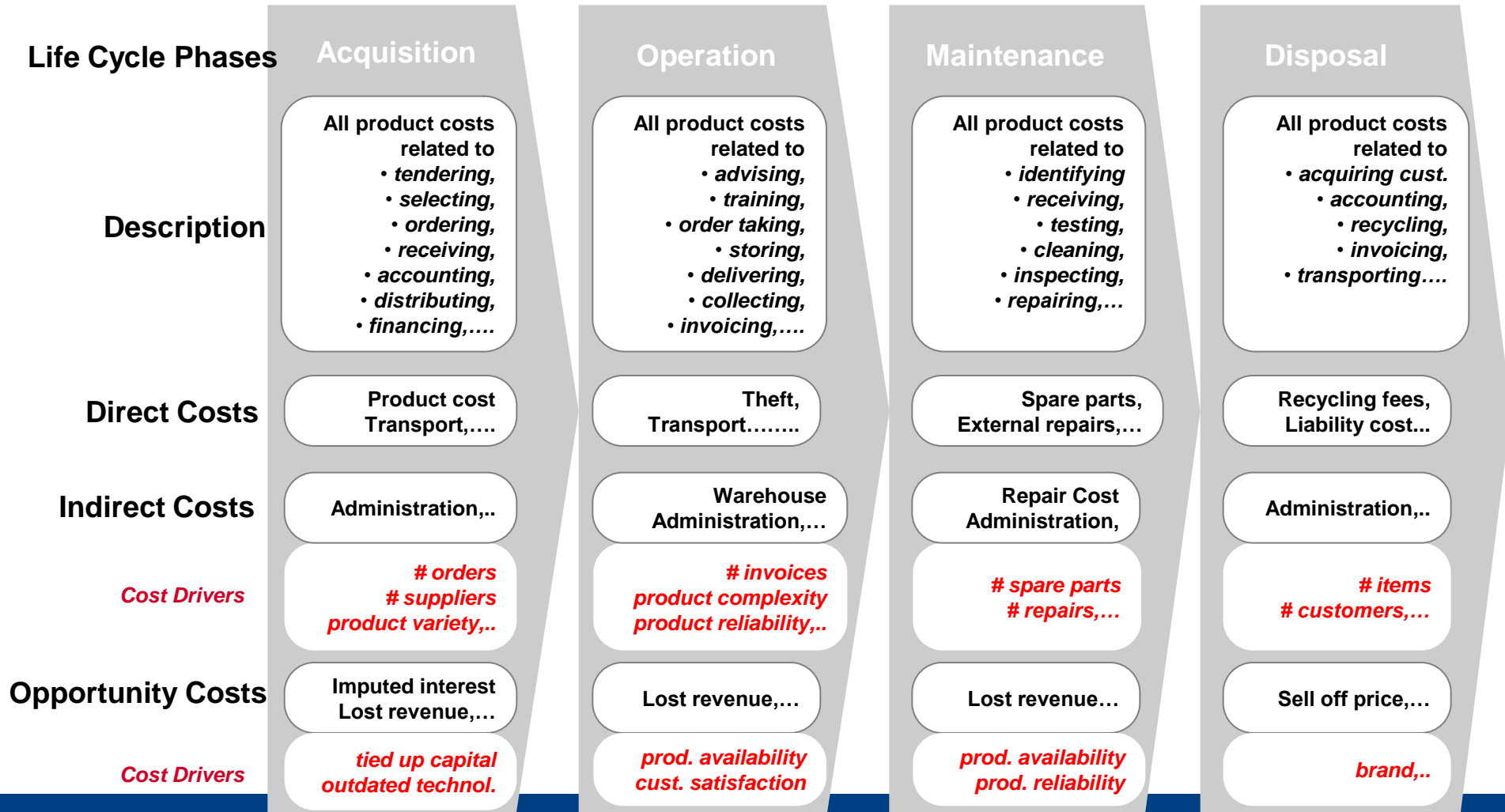
Equipment Design

A proposal from the Equipment Theft WG

Standard Machine interface connector for Anti-Theft Systems. To be discussed also in coming weeks. Some manufacturers already provide such a connection but it could be generalised.



Agreeing on the concept of total cost of ownership (draft)...



Equipment Theft Working Group

- **Participating Organizations**

BBI

CPA

Datatag

Kosran

Loxam

Roesler Software

Verhuurnet

Equipment Theft Working Group

Work Programme:

- **Provide input to Equipment Technology WG on theft issues**
- **Raise awareness on equipment theft**
- **Cooperate with other organizations to put the issue on EU agenda**

PROPOSAL FOR A STUDY ON CONSTRUCTION EQUIPMENT THEFT IN EUROPE



Introduction – Why such a study?

- **Direct losses related to construction equipment theft are valued at 1.5 billion EUR per annum => European Trade Associations have called upon the European Commission to act.**
- **No official and specific reliable data available on construction equipment theft covering the whole of Europe;**
- **EU Members recognize the extent of the problem in conclusions adopted by the Justice and Home Affairs Council of 2 and 3 December 2010.**
- **EU Commission = sympathetic but before proposing any actions wants study to give precise overview of the issue. Willing to fund the study.**

Objectives and Deliverables

Objectives

- Provide reliable data on construction equipment theft in Europe based on official data available in EU Members States and in Turkey and industry expert views.
- Provide an overview and evaluation of actions undertaken in EU Member States and in Turkey to combat equipment theft.
- Provide recommendations for action to be taken by the EC and Member States.

Deliverable

- Report in electronic format both in print quality and lower resolution for electronic sharing
- Template for future update based on the experience gathered in the course of the project;

Proposed Product Scope

Earthmoving &
Compaction
Equipment

Energy (e.g.
generators,
compressors) &
Pumps

Aerial work
platforms

Concrete related
equipment

Cranes

Material handling
equipment

Accommodation,
Scaffolding &
Shoring

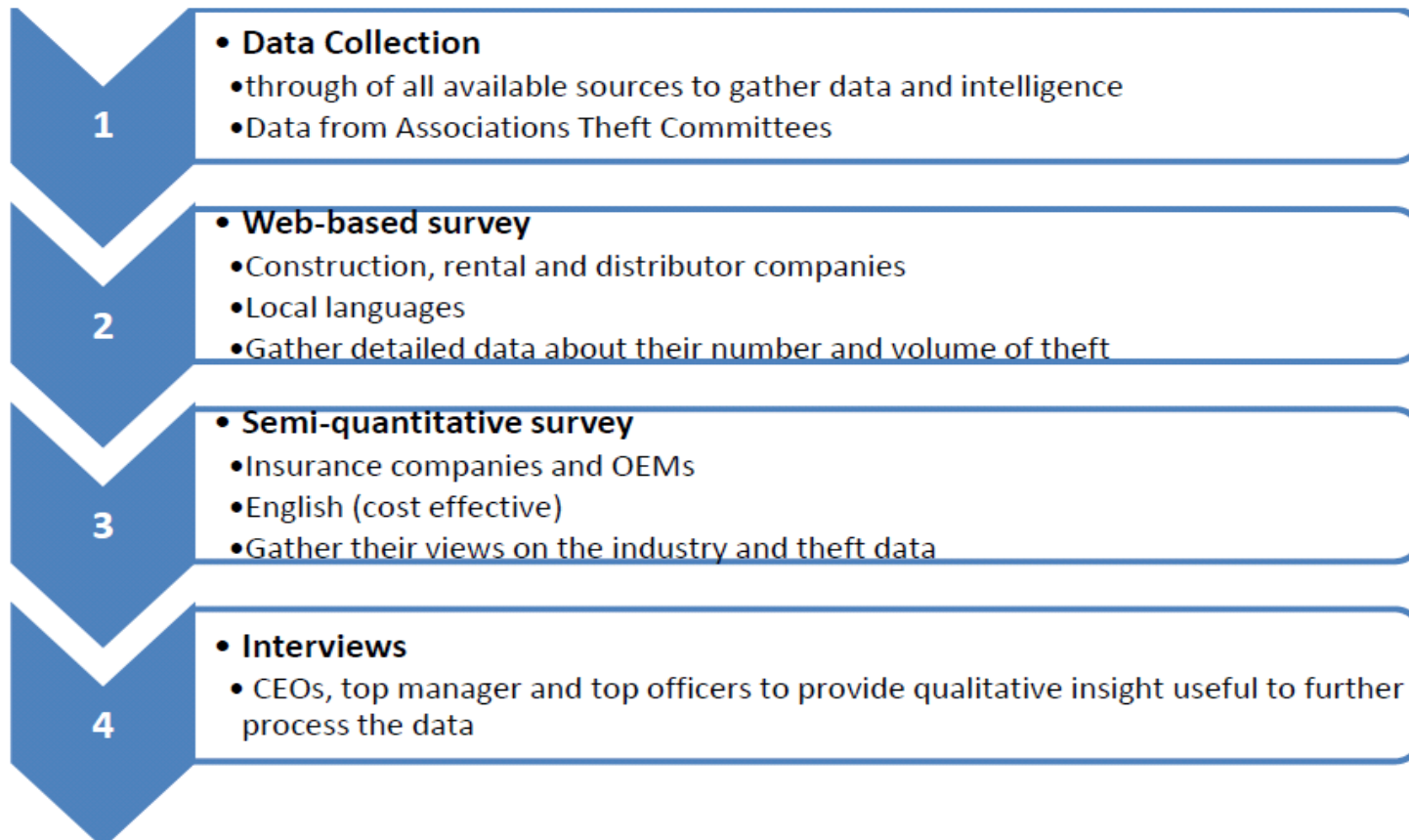
Others

NB: Because of their characteristics (small size, high value) and their specific proximity to theft, which requires specific dedicated research, tools are excluded in this list.

Market Players – Access to Data

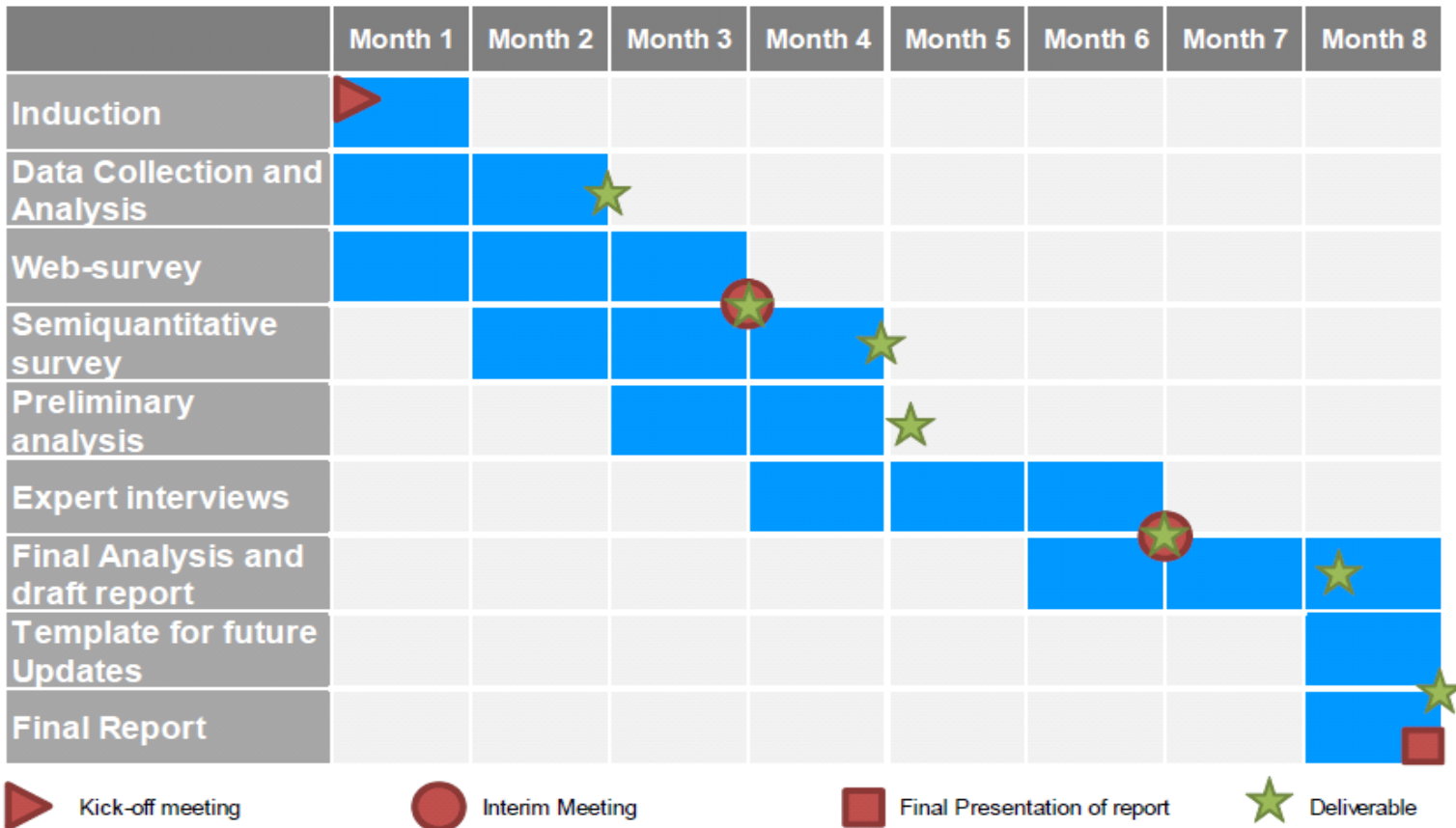
Data Collection		Primary research		
Associations	Public Institutions	User&distributors	Police department	Other players
FIEC	UN	Constructors	Interpol	OEMs
ERA	Eurostat	Rental companies	Country police	Insurance comp.
CECE		Distributors	Government Offices	
EDEC		Other owners		
Leaseurope				

Data collection – 4 main steps





Timeline





EUROPEAN
RENTAL
ASSOCIATION

THANK YOU!