MetaCDM work packages

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MetaCDM workshop 1

15th January 2013

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Meta CDM
Multimodal, Efficient Transportation in Airports
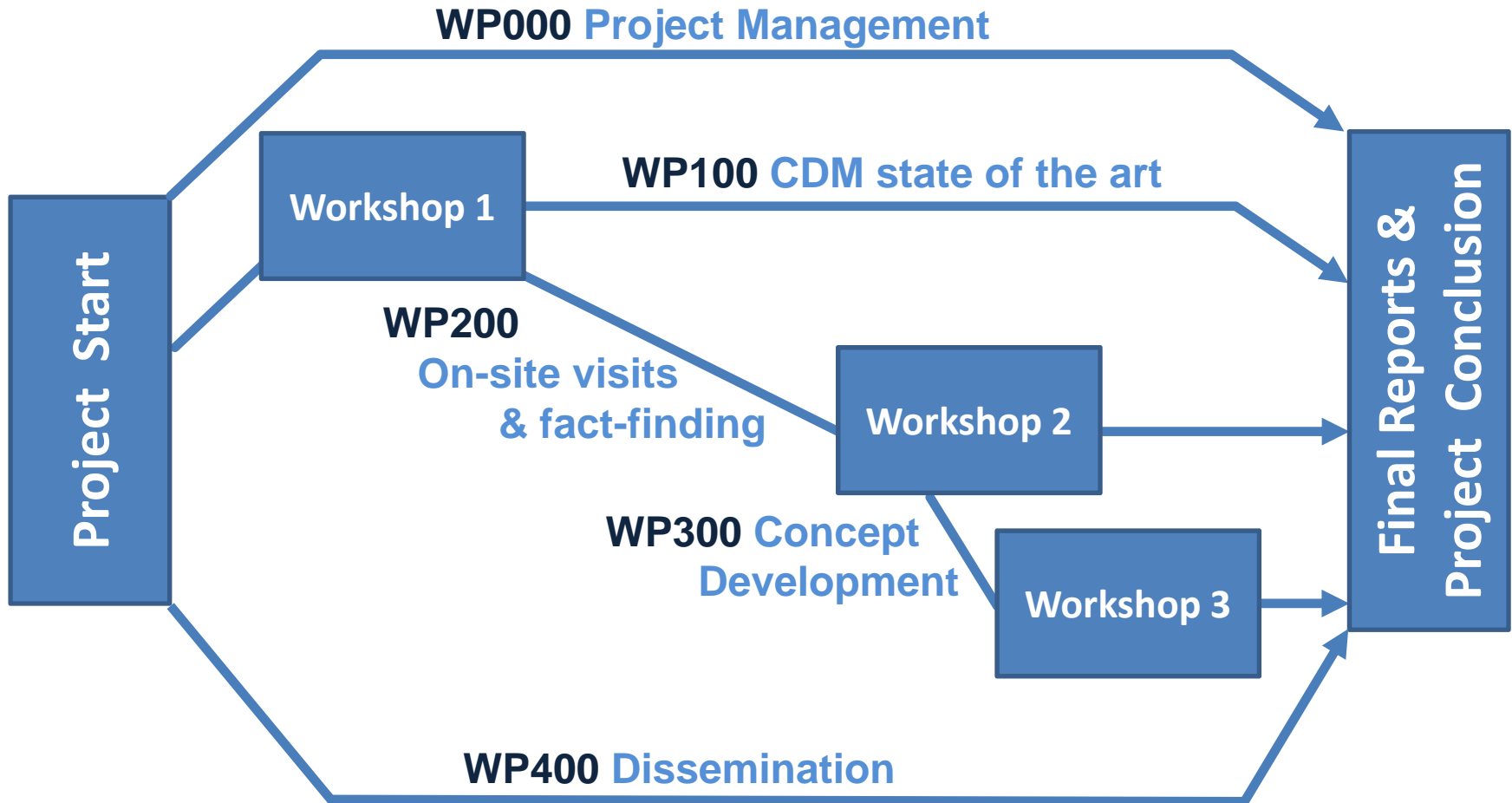and Collaborative Decision Making

COOPERATION

MetaCDM - objectives

- The MetaCDM project aims to extend the success of CDM to the management of crisis events

- Passenger-centric approach

- Examining how linkages between airside and landside CDM and other transport modes could limit the impact of severe disruption
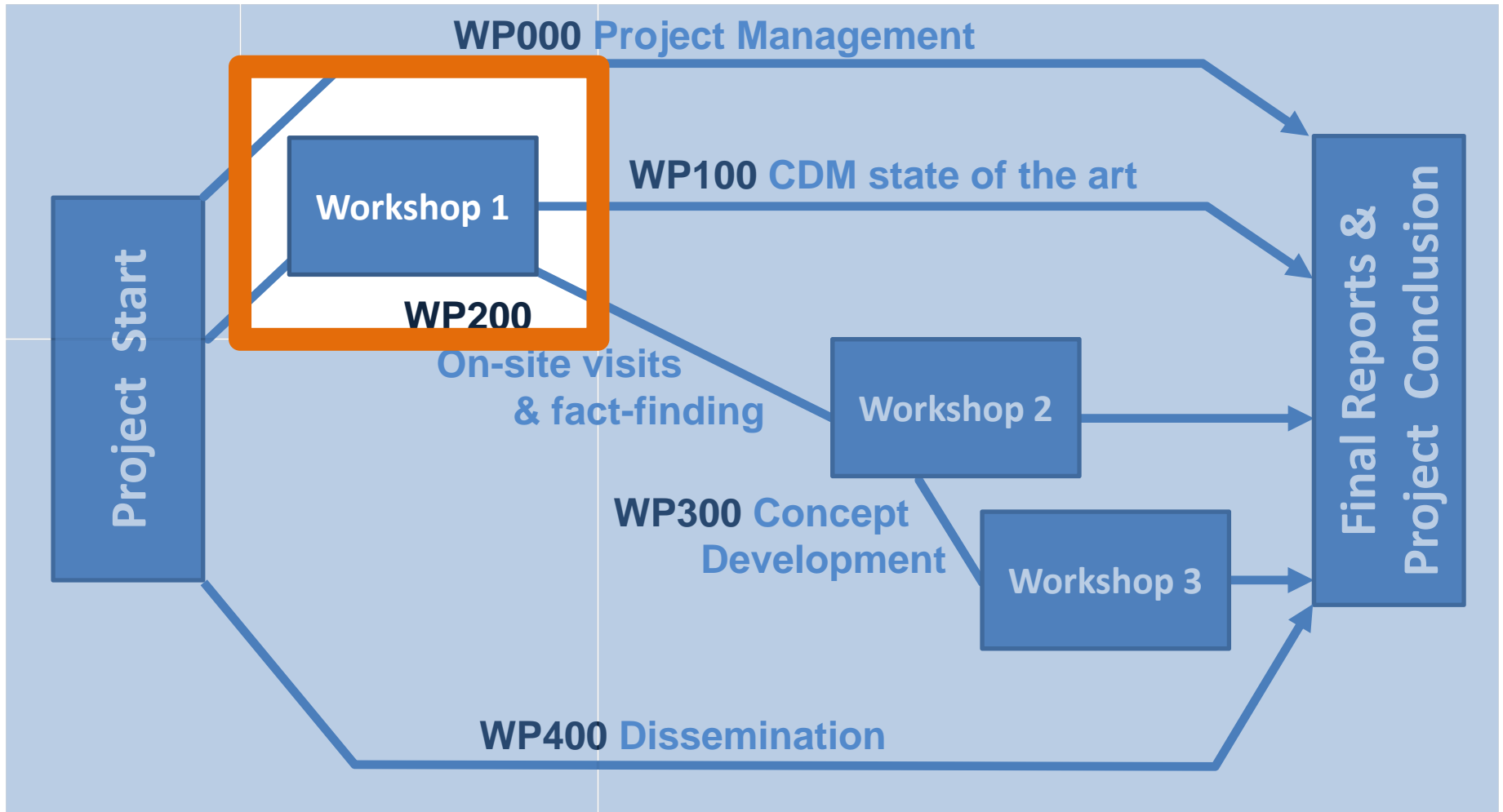
Work Packages

- WP000 – Project Management   **ENAC**
- WP100 – CDM State of the Art   **ENAC**
- WP200 – On-site interviews   **UCAM**
- WP300 – Concept development   **BARCO**
- WP400 – Dissemination   **ENAC**

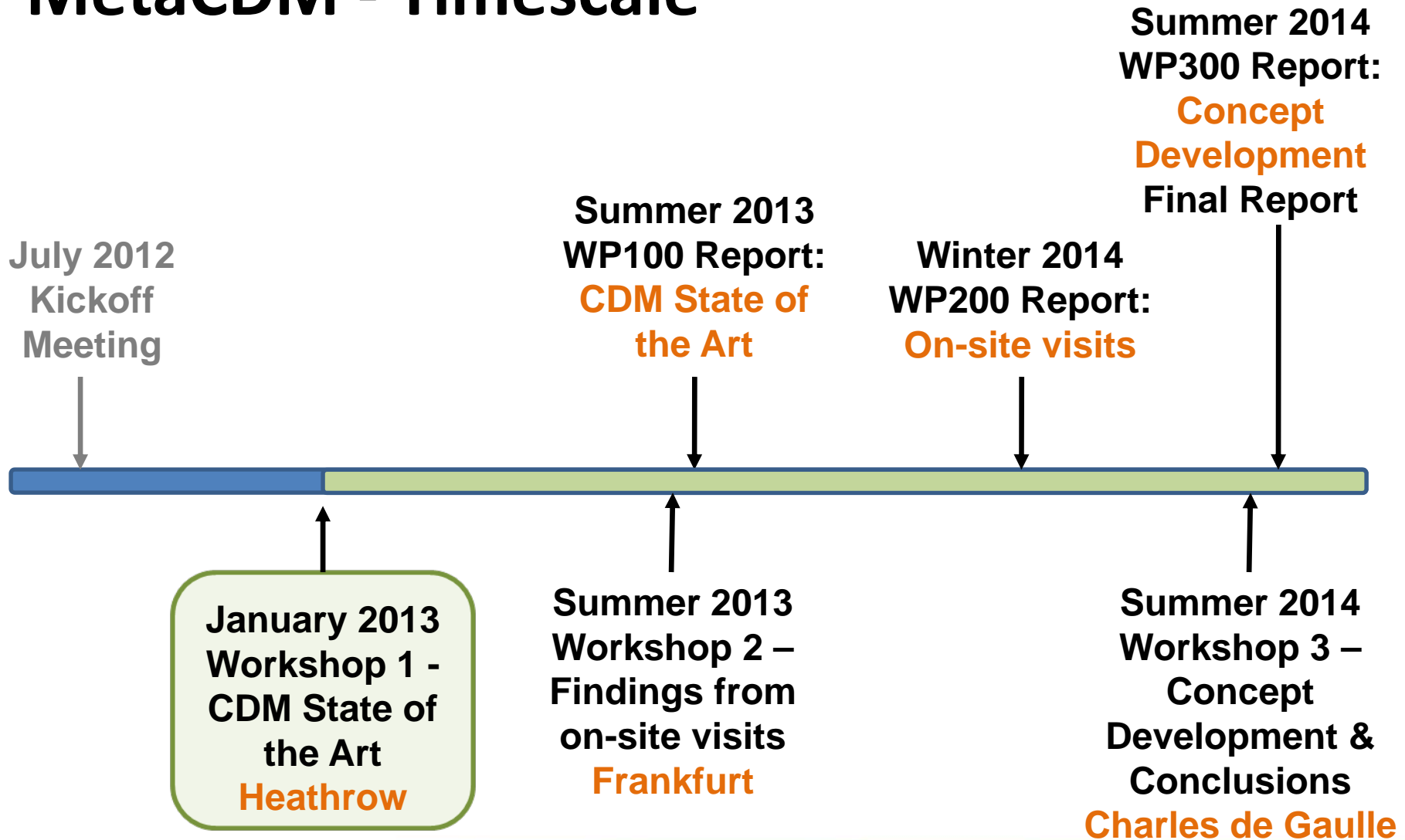# MetaCDM – project structure

WP000 Project Management

WP100 CDM state of the art

Project Start

Workshop 1

WP200
On-site visits
& fact-finding

Workshop 2

WP300 Concept
Development

Workshop 3

Final Reports &
Project Conclusion

WP400 Dissemination

MetaCDM – project structure

MetaCDM - Timescale

Summer 2014
WP300 Report:
Concept
Development
Final Report

July 2012
Kickoff
Meeting

Summer 2013
WP100 Report:
CDM State of
the Art

Winter 2014
WP200 Report:
On-site visits

January 2013
Workshop 1 -
CDM State of
the Art
Heathrow

Summer 2013
Workshop 2 –
Findings from
on-site visits
Frankfurt

Summer 2014
Workshop 3 –
Concept
Development &
Conclusions
Charles de Gaulle

WP 000 – Project Mangement

- Administration

- Review of Deliverables

- Maintaining a project advisory board

- Project periodic and final reports
  - To be made available at **http://www.meta-cdm.org**

WP100 – CDM state of the art

OBJECTIVES

- Identification of the state of the art in airport CDM
  - A comprehensive review of airside, landside and total airport CDM initiatives
    - European, US and elsewhere
    - Including existing initiatives and literature review on research into potential future initiatives
- Identification of significant and representative disruptive events
  - Informs selection of on-site interviews in WP200
- Review of available data recording/sharing capabilities

WP100 – CDM state of the art

OUTCOMES

- **MetaCDM Workshop 1**
  - Including workshop summary report

- **WP100 Final Report (Summer 2013)**
  - A comprehensive review of the state of the art in crisis CDM
  - To be made available from http://www.meta-cdm.org
    - See Aude Marzuoli's presentation tomorrow for initial literature review

WP 200 – Networking, fact-finding and on-site visits

OBJECTIVES

- Obtain a comprehensive picture of airport CDM in practice, and fill in gaps from WP100
  - On-site interviews at major airports affected by disruption
    - Current and best practices
    - Instrumentation and data sources
    - Deicing/snow removal operations
    - Other disruption-specific operations
    - The status of CDM and coordination activities
  - Covering all major stakeholders including ground transportation providers…

WP 200 – Networking, fact-finding and on-site visits

OBJECTIVES - 2

- Interviewees to include:
  - Airlines
  - Airports
    - Covering all stages of the passenger's journey through an airport
  - Air navigation service providers
  - Border agencies
  - Ground transportation providers
    - bus, taxi, train, rental car agencies, road authorities as appropriate

WP200 – Networking, fact-finding and on-site visits

OUTCOMES

- **MetaCDM Workshop 2 (Summer 2013)**
  - Initial findings from the on-site interview process
  - Including workshop summary report

- **WP200 Final Report (Winter 2014)**
  - Synthesis report with conclusions from the on-site interview stage
    - Informs concept development in WP300
  - To be made available from http://www.meta-cdm.org

WP 300 – Concept Development

- To develop a set of recommendations for efficient airport operations
  - Bringing together WP100 and WP200 outcomes
  - Links between landside, airside, ground transportation
  - Particular focus is on crisis management
    - What are the lessons learned from handing of past crises?
    - How can ground transport providers best be integrated?
- Impact assessment to quantify potential benefits
  - Economic and environmental
- Roadmap for future research

WP300 – Concept Development

OUTCOMES

- **MetaCDM Workshop 3 (Summer 2014)**
  - Project final workshop
    - Final conclusions from all stages, including concept development
  - Including workshop summary report

- **WP300 Final Report (Summer 2014)**
  - Elaborating on final MetaCDM concept
    - Recommendations based on current best practice
    - Roadmap for future research
  - To be made available from http://www.meta-cdm.org

WP 400 - Dissemination

- http://www.meta-cdm.org
- Project information – e.g. brochures, newsletters, etc.
- Workshop and kickoff meeting organisation
- Publications, presentations, etc.