

10th CONCAWE Symposium

Introduction to Technical Session 2: JEC Consortium Activities



JRC / EUCAR / CONCAWE

25 February, 2013

JEC Consortium: A Short History



The **JEC** research collaboration was initiated in 2000 by:

- **JRC**: Joint Research Centre of the European Commission
- **EUCAR**: European Council for Automotive R&D
- **CONCAWE**: Research Association of the European Oil Refining Industry

Collaborative Projects

➤ 2000-2011: Projects Completed

Well-to-Wheels (WTW) Studies:

Version 1 (2004)

Version 2a and 2b (2007)

Version 3c (2011)

Impact of ethanol on vehicle evaporative emissions (SAE 2007-01-1928)

Impact of ethanol in petrol on fuel consumption and emissions

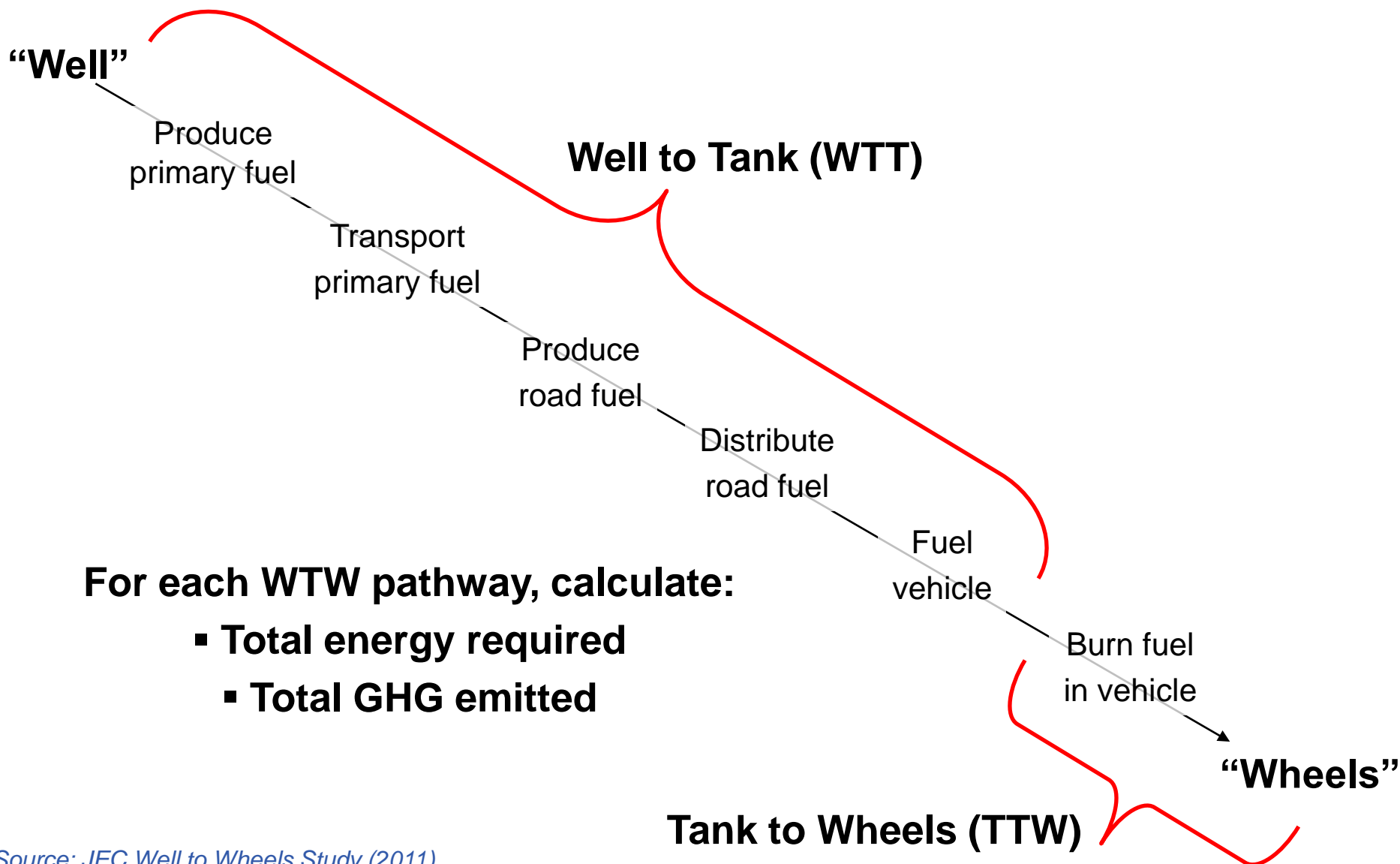
JEC Biofuels Study for a 2020 time horizon (2011)

➤ 2013: Projects in Progress

2013: Version 4 WTT, TTW, and WTW Studies

2013: Update of the 2011 JEC Biofuels Study

Well to Wheels (WTW)



Source: JEC Well to Wheels Study (2011)

Timing and Dissemination

- Anticipated timing for JEC activities and reports:
 - ❑ Spring 2013: Workshops on process and results
 - ❑ Summer 2013: Publish Version 4 WTT and TTW reports
 - ❑ Autumn 2013: Publish Version 4 WTW report
 - ❑ Autumn 2013: Publish updated JEC Biofuels Study

All JEC reports are published on the JRC website:

<http://iet.jrc.ec.europa.eu/about-jec>

Any questions, enquiries, or requests about JEC activities and results can be addressed to our centralised email address:

infoJEC@jrc.ec.europa.eu

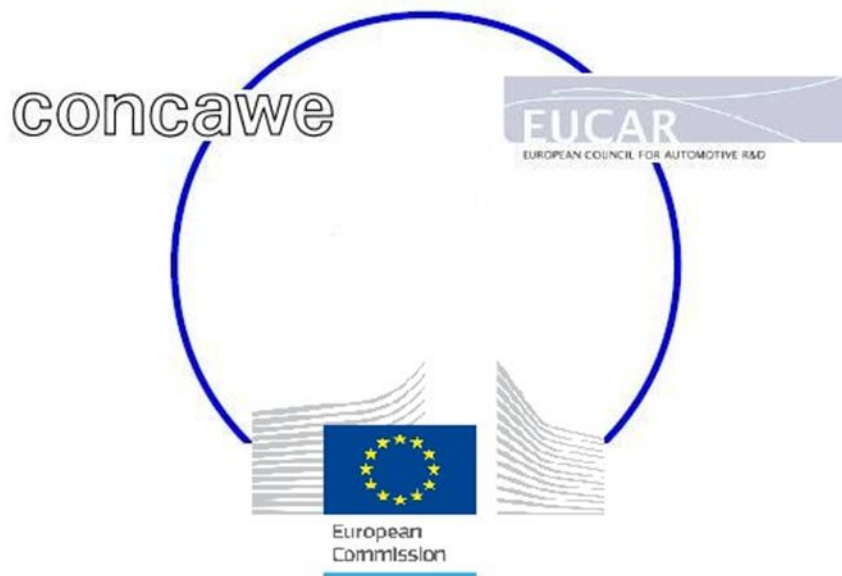
Agenda for Today's Technical Session

- **Introduction to Technical Session: The JEC Consortium**
Ken Rose, CONCAWE
- **JEC Well-to-Tank (WTT) Study: Early Results from Version 4**
Dave Rickeard, CONCAWE Consultant
- **JEC Tank-to-Wheels (TTW) Study: Early Results from Version 4**
Heinz Hass, EUCAR
- **Graphing Tool for WTW Results**
Ken Rose, CONCAWE
- **Questions & Answers: WTW Study Version 4**
- **JEC Biofuels Study and the Renewable Energy Directive**
Alan Reid, CONCAWE
- **Questions & Answers: Biofuels Study**

JEC Well-to-Wheels Study: Contributors

CONCAWE

Frederick BERNARD
Sophie BOREUX
Marta CHRUSCH
Carlos DIAZ GARCIA
Jeff FARENBACK-BRATEMAN
Baudouin KELECOM
Sari KUUSISTO
Michael LANE
Jean-François LARIVÉ
Rick MALPAS
Elena MARIN
Carlos OLIVARES MOLINA
Catherine PRICE
Allan RANKINE
Alan REID
David RICKEARD
Xavier RIERA-PALOU
Ken ROSE



JRC

Robert EDWARDS
Marina KOUSOULIDOU
Alois KRASENBRINK
Laura LONZA
Alberto MORO

EUCAR

Simon GODWIN
Heinz HASS
Heiko MAAS
Anders RÖJ