



CROCODILE 2 - implementing harmonised and synchronised ITS applications

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5th Cyprus Sustainable Mobility and Intelligent
Transport Conference, Nicosia



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CROCODILE 2 – harmonisation activities

- CROCODILE 2 – the need
- CROCODILE 2 - facts
- Agreement within CROCODILE 2 on a harmonised CROCODILE data-exchange approach
- CROCODILE 2 – next steps

CROCODILE 2 – the need for cooperation



Blizzard, 3rd Feb. 2014
(source: www.bbc.co.uk)



Tourists, every summer
(source: www.salzburg24.at)

Snowstorm, 15th Mar. 2013
(source: rt.com)



ITS Directive



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Nicosia



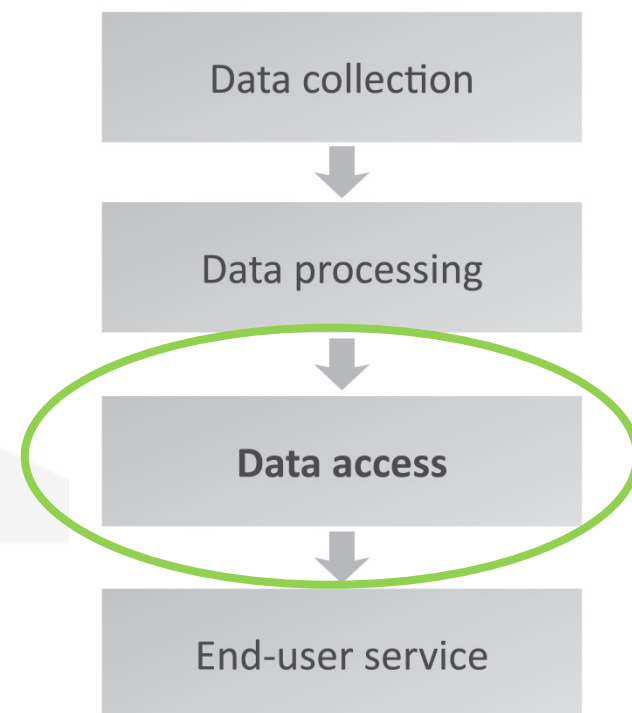
CROCODILE 2 – the cooperating partners

Project partners

- Austria, Cyprus, Czech Republic, Germany, Greece, Italy, Poland, Romania, Slovenia

Associated Partner

- Albania, Hungary, Croatia, Bulgaria, Slovakia
- Will get full access to all project outcomes
- Will contribute to cross-border data exchange agreements



CROCODILE 2 – Cooperation towards the fulfilment of the ITS Directive

- Data Exchange based on needs of the ITS Directive
- Using DATEX II
- Focus on Priority Action c (safety critical information) and e (truck parking information)
- Resulting in real deployments



CROCODILE 2 – Cooperation towards the fulfilment of the ITS Directive

Baltic – Adriatic

(Poland – Czech Republic – Slovakia – Austria – Slovenia – Italy)

Rhine – Danube

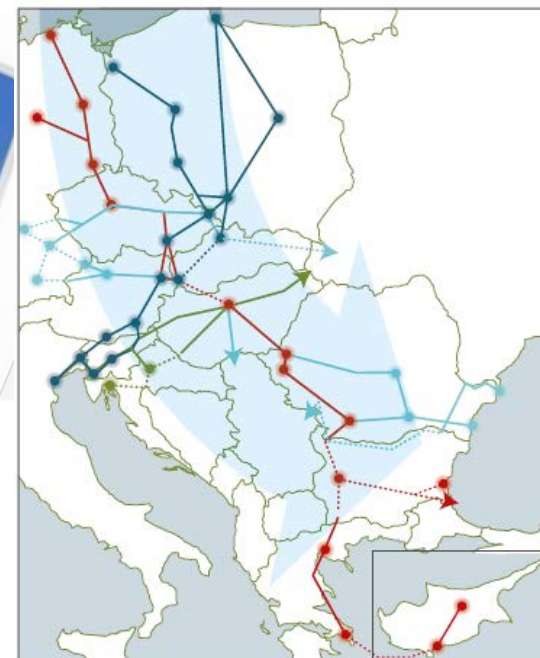
(Germany – Czech Republic – Austria – Slovakia – Hungary – Romania – Bulgaria)

Orient/East-Med

(Germany – Czech Republic – Austria – Slovakia – Hungary – Romania – Bulgaria – Greece – Cyprus)

Mediterranean

(from Italy/Venice – Slovenia – Croatia – Hungary)



DATA COLLECTION

DATA PROCESSING

DATA ACCESS

END-USER SERVICE



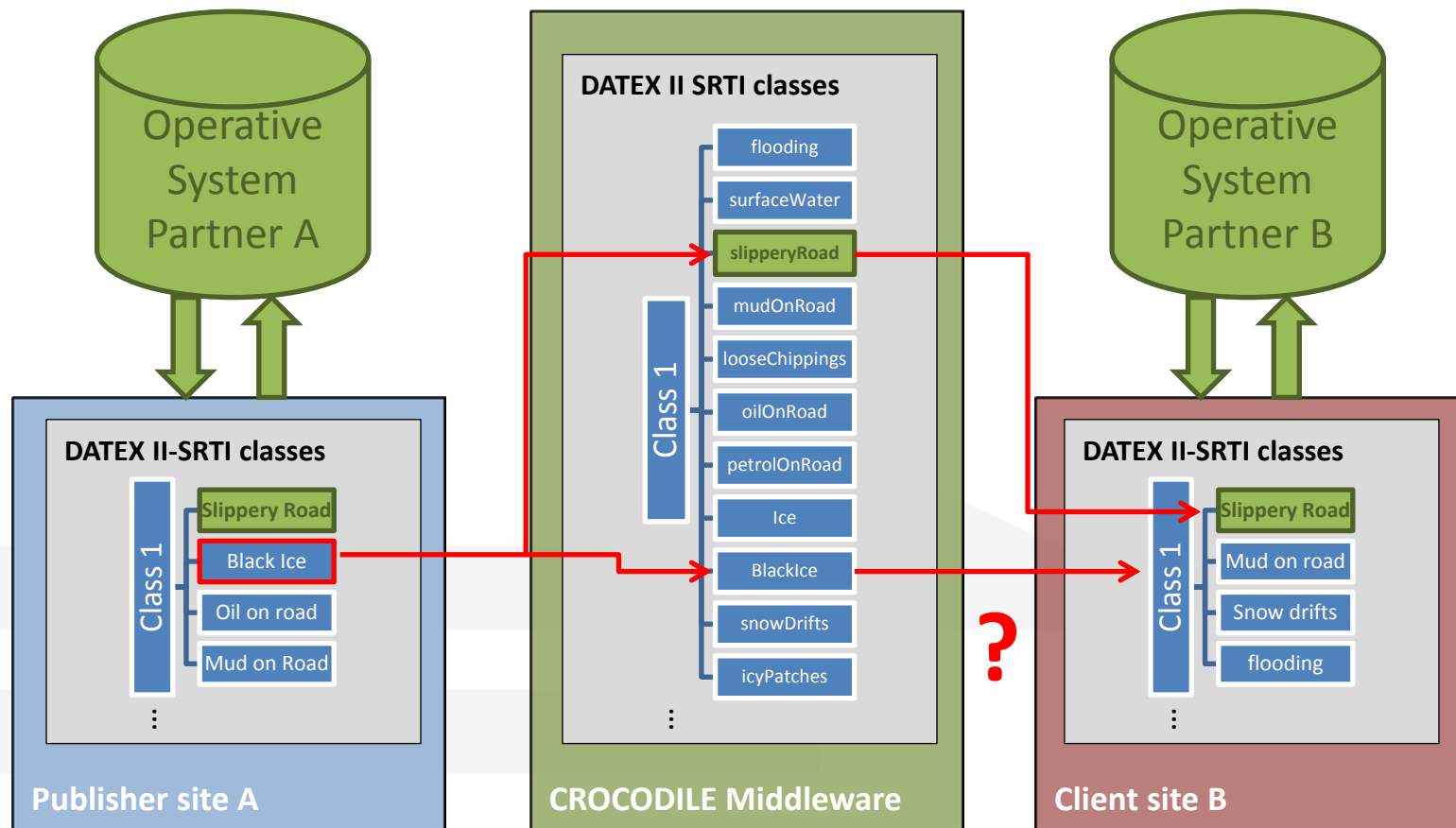
Status DATEX II

- Currently the CROCODILE Member States are on a different level of DATEX II usage
- No single Member State has a final solution for cross-border data exchange up to now.

➔ Therefore CROCODILE agreed on a common way forward to achieve data exchange based on DATEX II

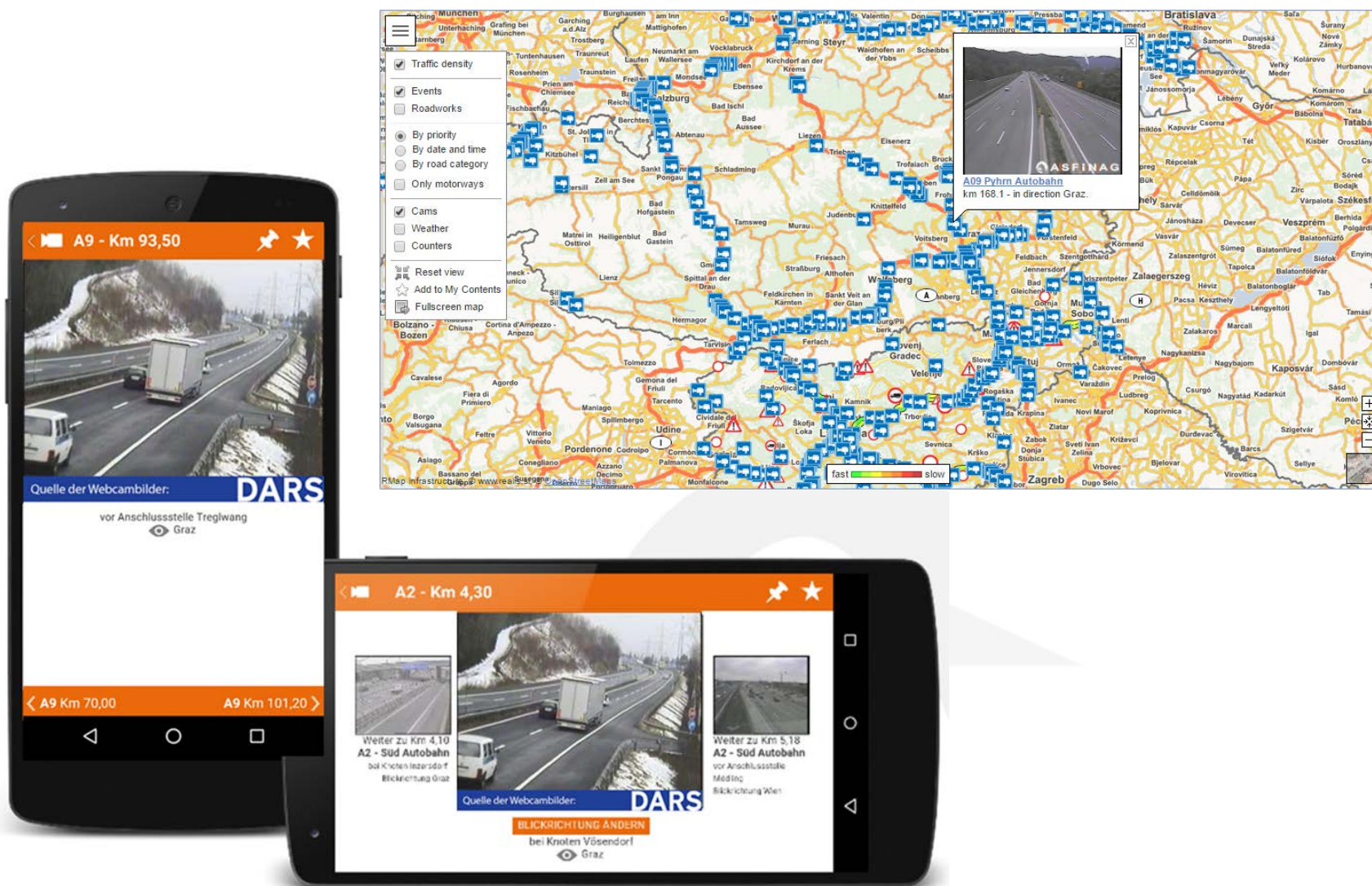


CROCODILE DATEX II specification



CROCODILE 2 – current status/highlights

- Similar process “CROCODILE middleware specification” for harmonisation (selection and prioritisation) of available DATEX II profiles was defined for dynamic road data (Delegated Regulation 2015/962 – prio b) within the CROCODILE 2 DATEX II WG → will be presented and approved at the upcoming CROCODILE 2 SC/ Technical Workshop → deliverable should be ready by end of this year
- A conformity-test centre was implemented to give data and service providers assurance to comply with delegated regulations (was developed within DATEX II, but is available for all CROCODILE 2 partner) → will be presented during the upcoming CROCODILE 2 Technical Workshop
- CROCODILE 2 neighbouring countries agreed as a starting point to exchange webcam information (e.g. Austria provides in their app CCTV information from Slovenia, Hungary and Bavaria)





Thank you for you attention!



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