

# **TEAM:** a vehicle dialogue

Luisa Andreone, Centro Ricerche FIAT (IT)

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#### RATIONALE



#### eco friendly and safe driving

 Let's offer all vehicle drivers functions and services to drive more eco-friendly and safer WOW: this sounds like a great idea! But I am a good driver, the problem is the traffic around me...

MAAK

 Let's identify and implement mechanisms to facilitate a wide scale use and adoption of the new functions and services by all drivers

OK, got it, but why shall I change anything in my driving habit?



In few years time all vehicles (cars, trucks, motorbikes, busses,..) people, traffic control centers, road infrastructure, will be producers and consumers of:

Geo-referenced traffic and travel information data

**COLLABORATION** = from cooperative systems to collaborative strategies

Yes, but how can we use data to create a framework of collaboration?



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#### **COLLABORATION** = cooperative systems + cloud + community

cooperative systems = V2X communication TEAM cloud = dynamic data set for eco&safe driving strategies community = offering "virtual coins" when driving eco&safe

> If I change my driving style to be more eco friendly & safe I get a benefit!



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- **COACH** the driver: act like a coach, deduce and plan the actions, perform them, and tell about the success ...
- Let drivers **PARTICIPATE** with serious gaming mechanisms: enable drivers to exchange their experiences ...

Which are the building blocks for a collaborative eco friendly and safe driving?



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- Tell drivers how they could drive at best per each driving tasks with an **AVATAR** approach
- **REWARD** drivers through incentives like "virtual community coins" and a reputation mechanism

We are defining the building blocks

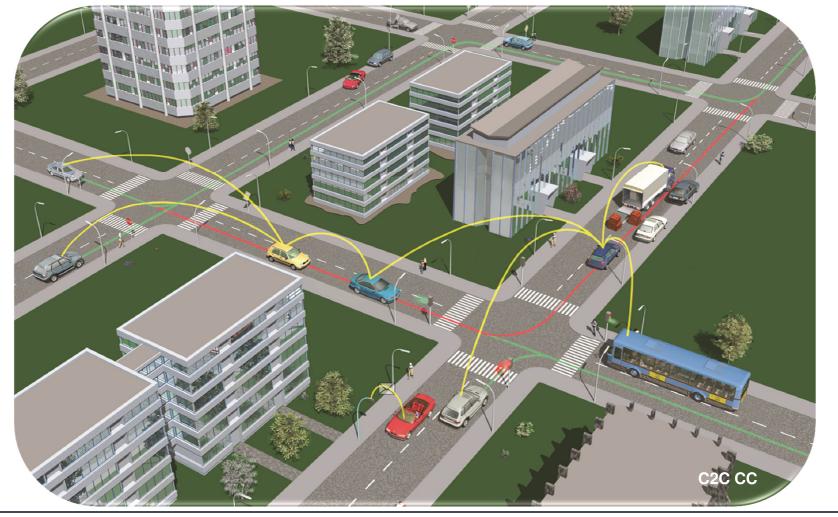


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## TEAM: what about scenario complexity?



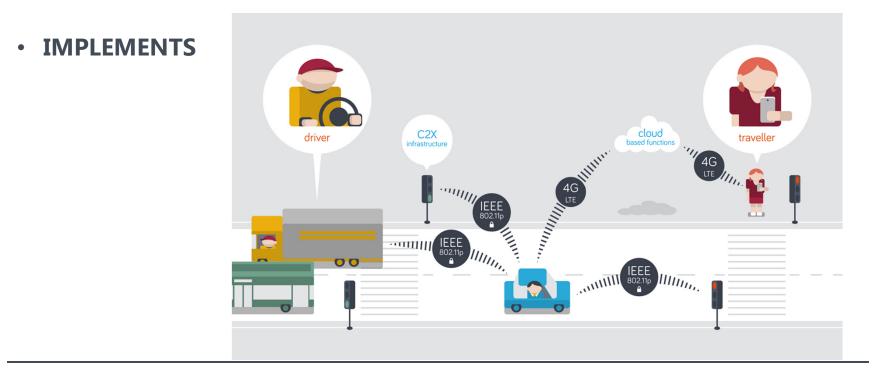


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# TEAM is building a vehicle dialogue



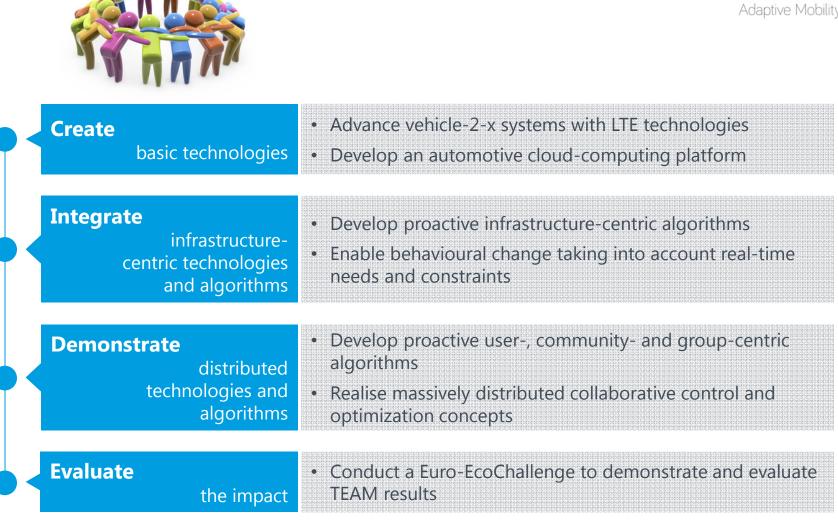
COMBINES drivers, vehicles, smart phones, cloud-based local dynamic map services



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### **TEAM DIALOGUE applications**



- (1) Green, safe and collaborative driving
- (2) Collaborative adaptive cruise control
- (3) Collaborative driving and merging
- (4) Collaborative eco-friendly navigation
- (5) Collaborative eco-friendly parking

We include also serious gaming and community building



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#### Thank you!

Luisa Andreone TEAM DIALOGUE sub-project leader Centro Ricerche FIAT (IT)



Strada Torino 50, 10043, Orbassano (Torino) Italy Phone +39 011 9083 071 Mobile +39 335 77 55 243 <u>luisa.andreone@crf.it</u> <u>www.crf.it</u>



www.collaborative-team.eu