

## **Position Paper infoRoad GmbH – clever-tanken.de**

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### **R&D Track Record:**

Part of Winner-Team of 2002 Mobil Media Award donated by the German Ministry of Commerce. Member of Research Project „HyNet“ supported by German Ministry of Commerce. Project Scope: Building a use case for car drivers in collecting and distributing information in point to point and point to multipoint data transmission (DVB-T)

Member of Research Project „Serving“ supported by German Ministry of Commerce in 2004-2006. Project Scope: Building a Mobile Service for Visitors of German Soccer Worldcup 2006

### **Clever-tanken.de Fact Sheet**

- Most comprehensive database for gas stations and gas prices in Germany
- 15.000 gas station POIs mean almost 100 % coverage of all gas station POIs in Germany
- All POIs geocoded
- Further information like opening hours, credit card acceptance, shop, carwash, garages and so on are available and kept maintained
- Gas price information cover Germany, 60 % of all gas stations with prices max 3 days old. Coverage even better in agglomeration areas and along main highways („Autobahn“).
- Maintenance of the database in three ways: registered „fuel price pilots“ (>20.000 active members), cooperating gas stations and own research team in areas where more information is needed. There is a dedicated team of 6 persons working on the database.
- particularly emphasis on „A – Areas“ as highways and agglomeration areas.
- High Performance Server System hosted in professional hosting company
- Data delivery to our partners via direct connection to our 24/7 live system
- High availability/ uptime > 99,5 %
- clever-tanken team is dedicated to maintenance of the database and quick response to customer and user queries

## **Issues and open questions we would address in being part of FI-PPP:**

- (1) Our use case is collecting a huge number of real time information for car drivers, such as real time fuel prices but as well as other information along the road which could assist the driver. For example real time parking possibilities, sudden traffic blocks etc. This means collecting of real time information in a european standard, processing this information and distributing the information in the most appropriate way to the driver related to his position (location based, situation based)
- (2) We would consider important context awareness, multilingual speech data processing and output, european data traffic business model (affordable at reasonable costs for drivers), multi platform approach via output and displays regarding different mobile standards. Like Android, Apple, Blackberry, Nokia and all other important standards. Implementing of efficient backchannels. Handling huge volume of data in real time mode.
- (3) We would expect the future internet core functionality to make it easier to display important content in a standardized way on all proprietary platforms in order to reach critical mass of users.
- (4) The experimentation environment should be multinational across european countries with access to real time traffic situations. E.g. testing areas implemented in a mobile scenario with mobile devices). There should be access to testing persons. Use areas should be based upon open standards to be connected and mashed up in a way interested value contributors could access
- (5) We do see ourselves in the role of real time data collecting, processing and distribution because we have based our company competences on doing so. (German fuel prices are change more than once a day). As well we are experienced in handling communities and user feedback. We are experienced in combining input and output technologies (data bases, distribution servers, input & output channels, programming, application development etc.)

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