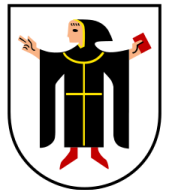


# STARS Munich Team

“Intra-Urban Speed Impact Study  
of a Two Way System for Speed Reduction”

Authors:

M. Sc. Oleksandr Savliev  
M. Sc. Octavio Jiménez



# STARS Project steps

1

STARS Munich

2

Improvement of Idea

3

Installation Site

4



Speed Measurements

5

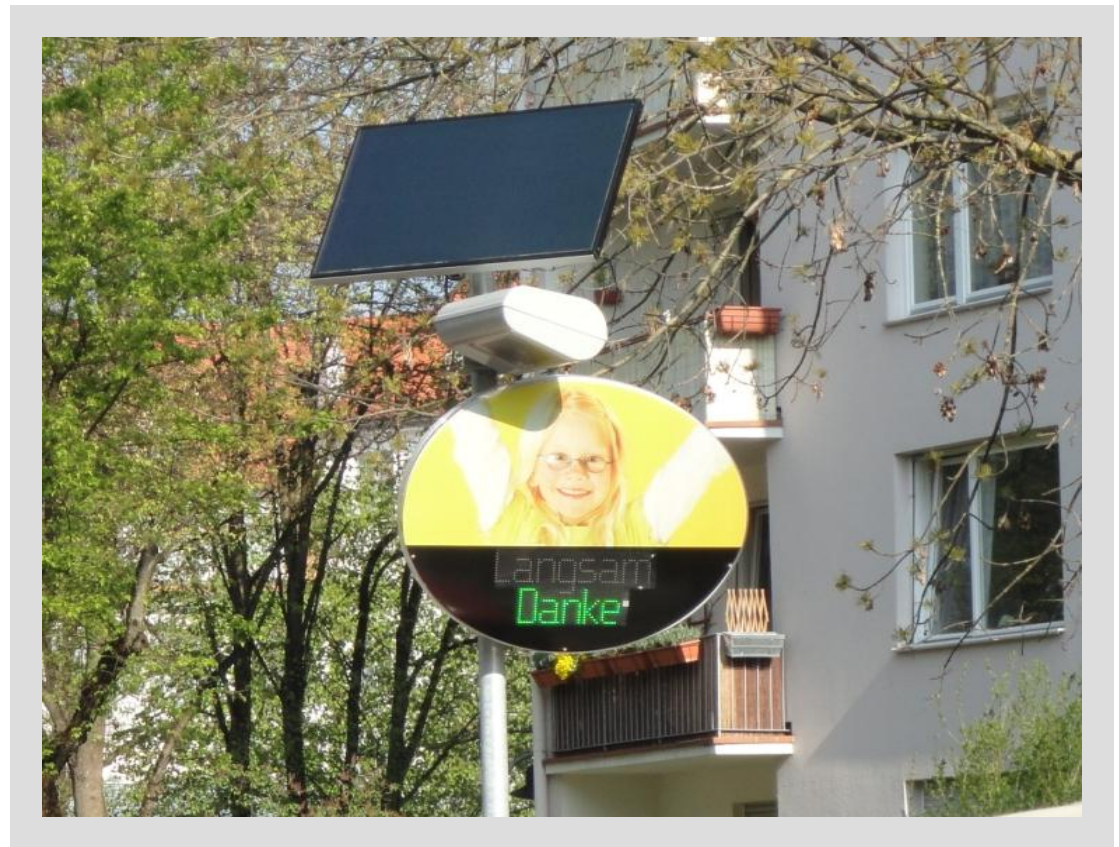
Results

# STARS Munich

## Team

- Oleksandr Savliev 
- Octavio Jiménez 

*M.Sc. Transportation Systems*  
Technische Universität München



# STARS Munich

## Team

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- Oleksandr Savliev 

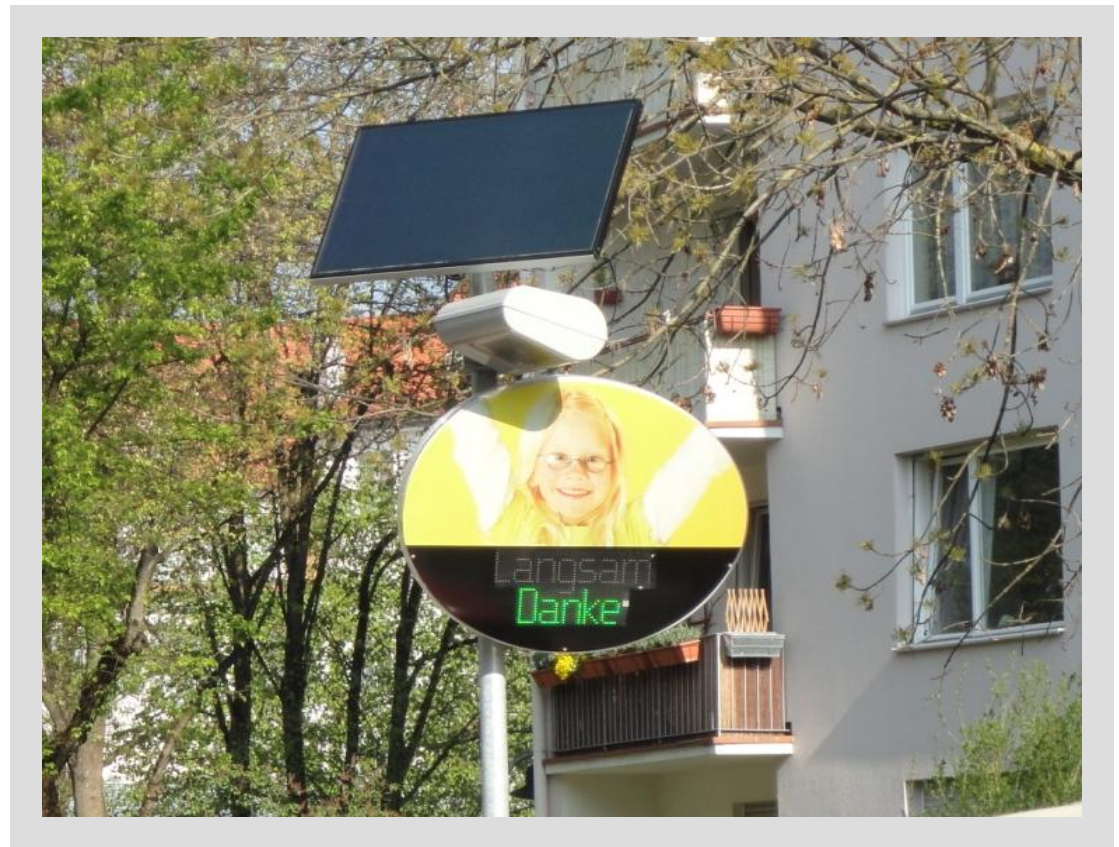
- Octavio Jiménez 

*M.Sc. Transportation Systems*  
Technische Universität München

## Project



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- Two-way Dialog-Display System  
for Speed Reduction



# STARS Munich

## Team

- Oleksandr Savliev 
- Octavio Jiménez 

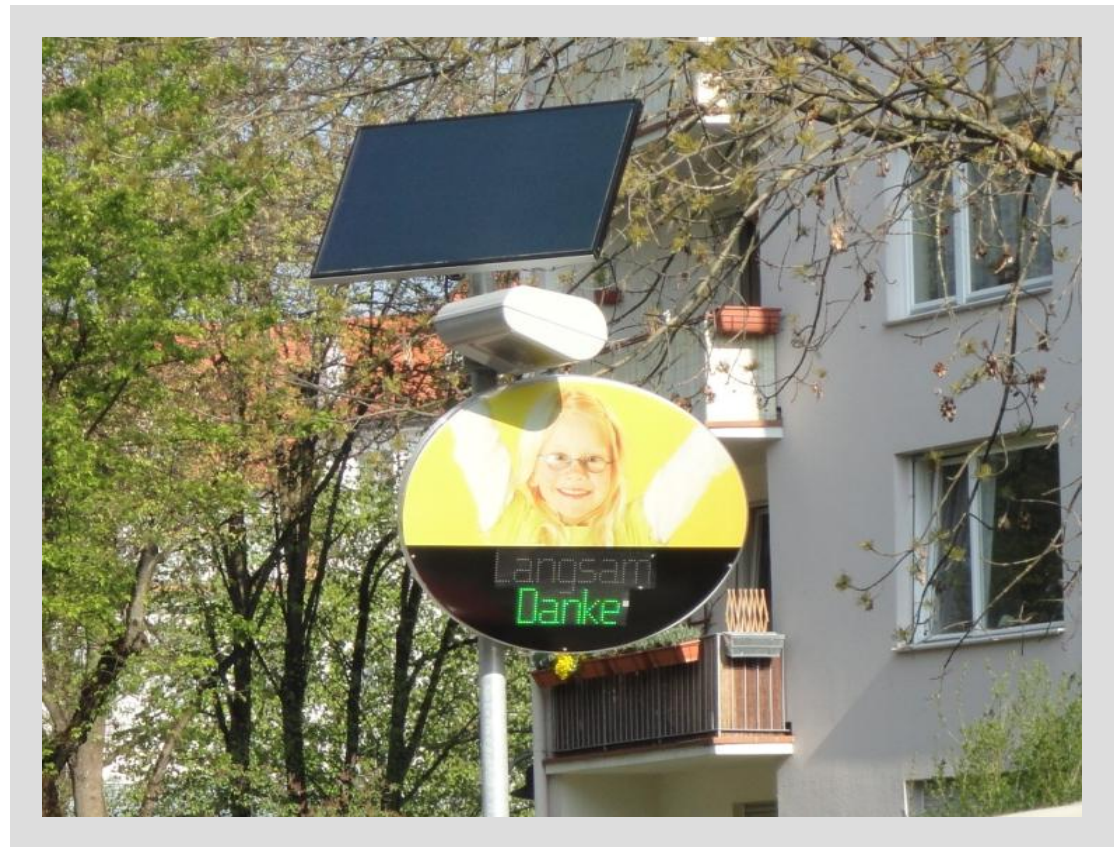
*M.Sc. Transportation Systems*  
Technische Universität München

## Project

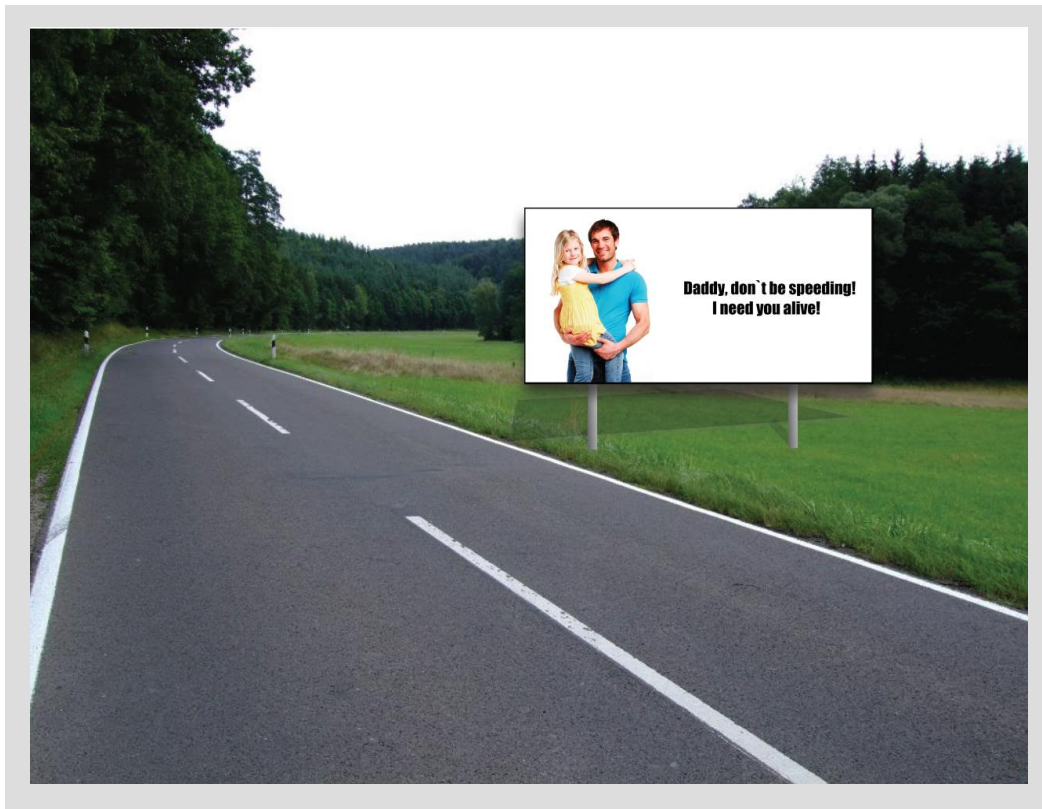
- Two-way Dialog-Display System  
for Speed Reduction

## Result

- **4 km/h** average  
speed reduction



## Improvement of Idea



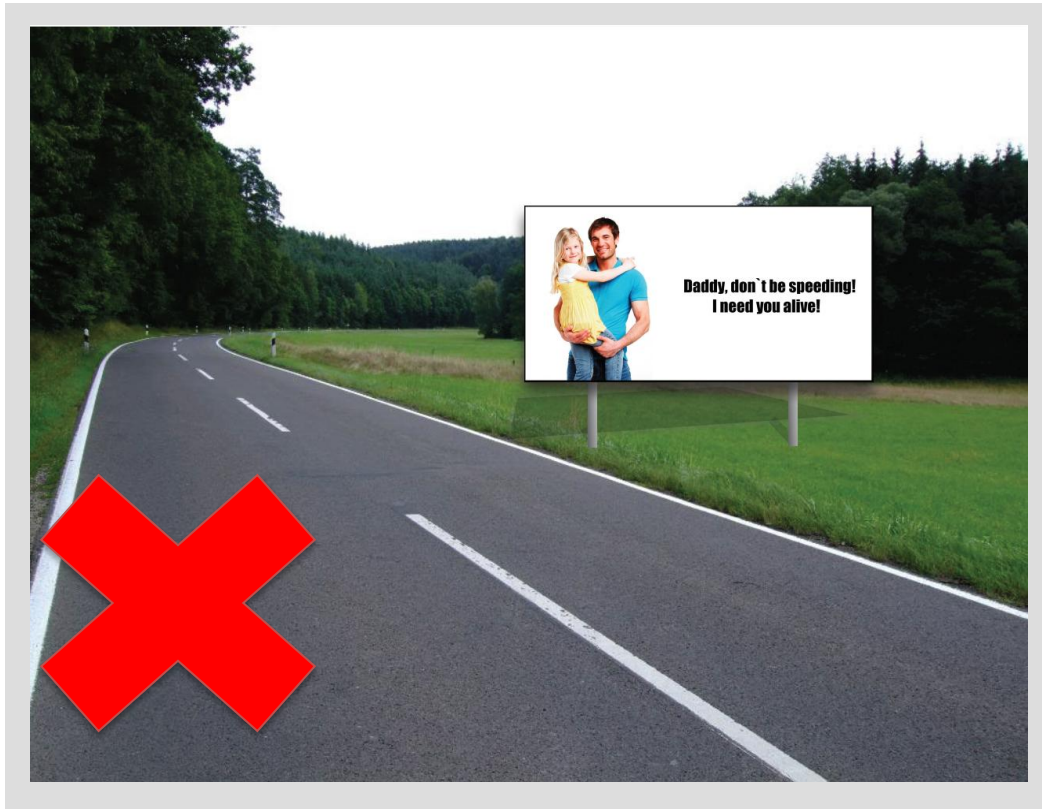
Source: STARS project proposal Savliev, Jiménez

## Improvement of Idea



Source: STARS project proposal Savliev, Jiménez

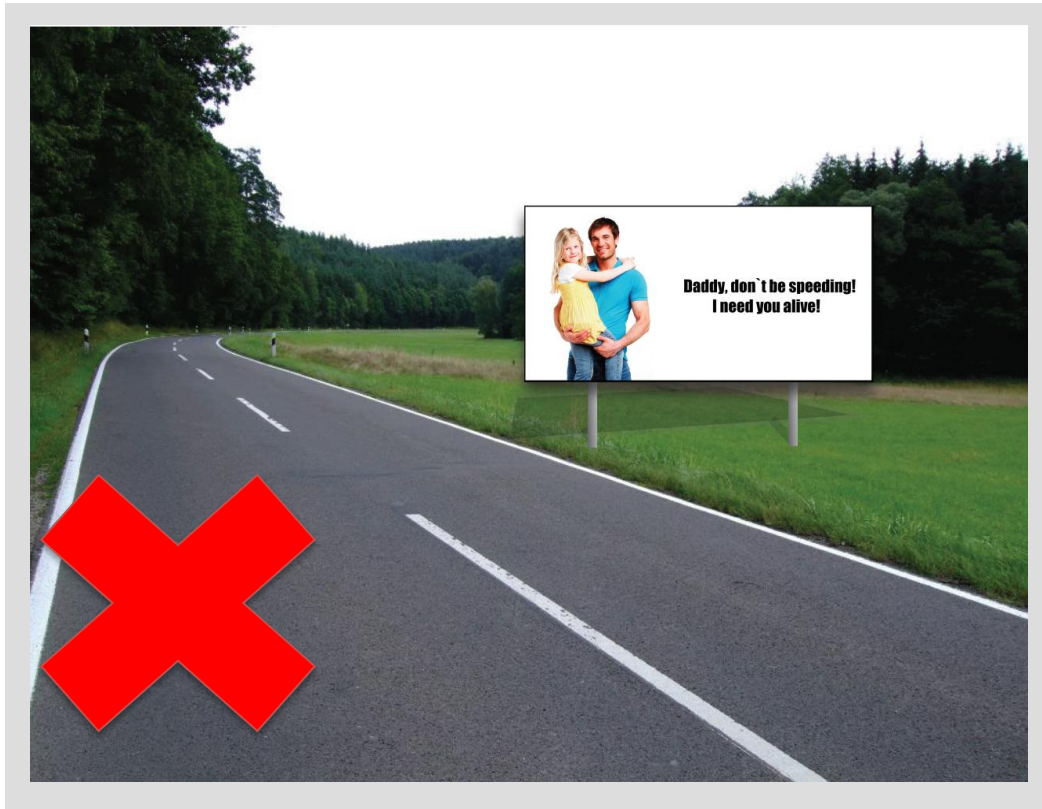
## Improvement of Idea



Source: STARS project proposal Savliev, Jiménez



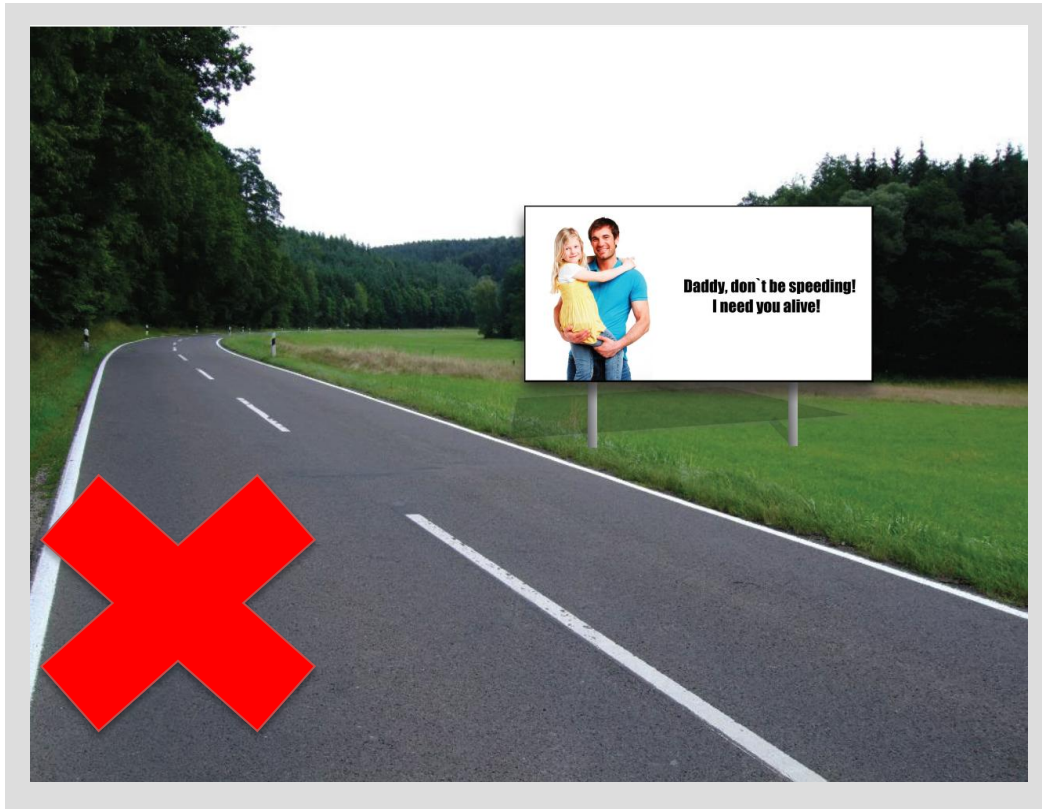
## Improvement of Idea



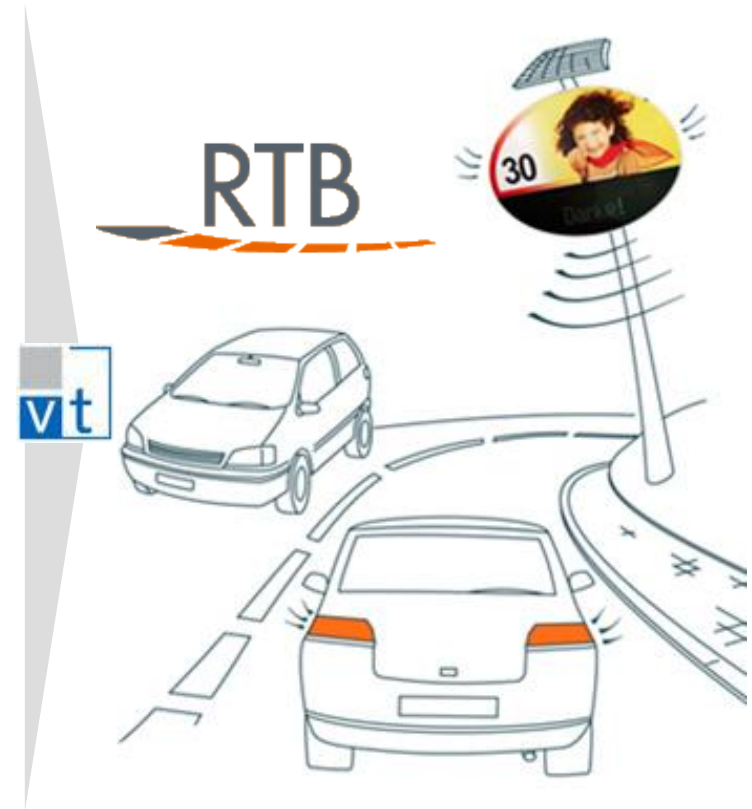
Source: STARS project proposal Savliev, Jimenez



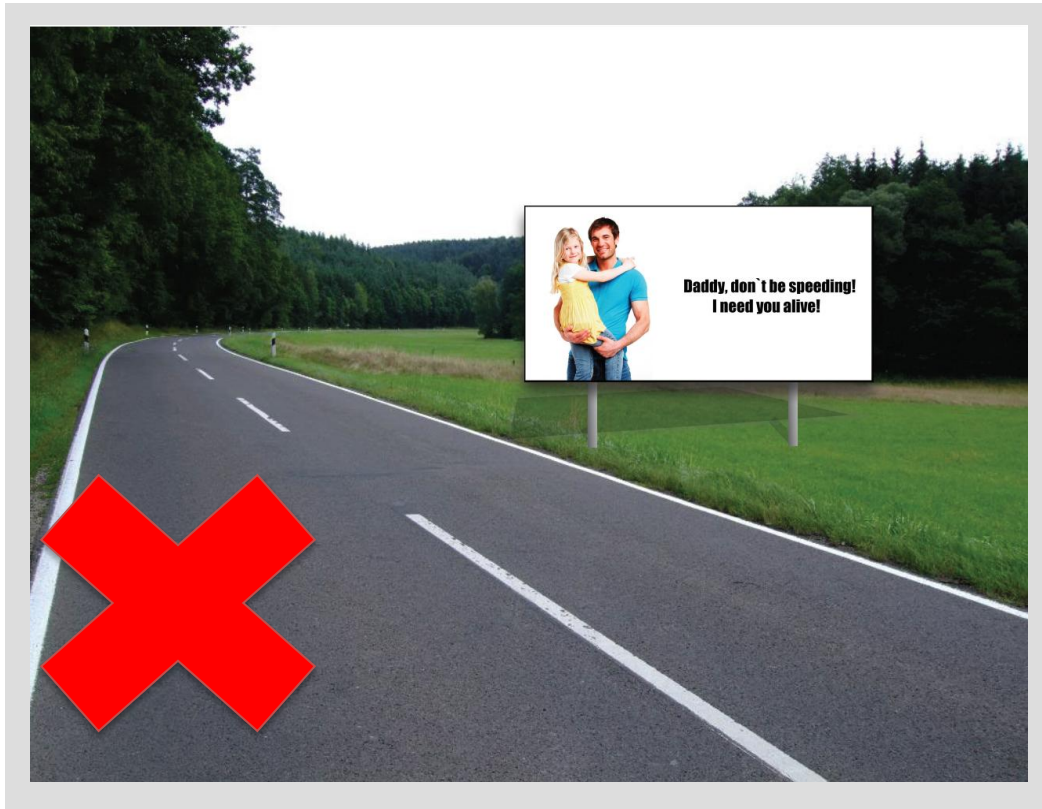
## Improvement of Idea



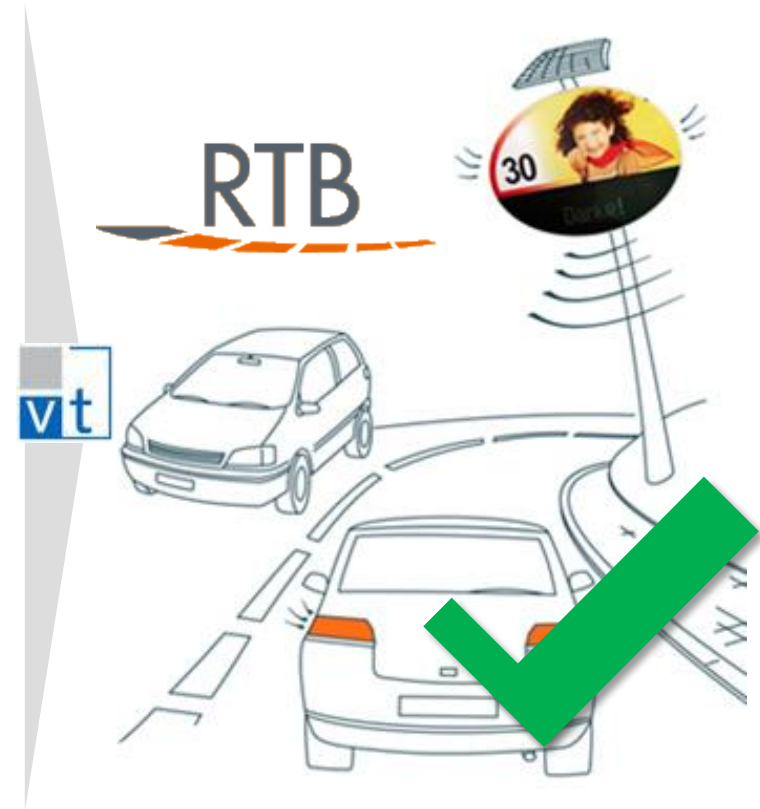
Source: STARS project proposal Savliev, Jimenez



## Improvement of Idea



Source: STARS project proposal Savliev, Jiménez



\* RTB GmbH & Co.

# Chosing the Installation Site

## Traffic Authority Speeding Data

Place	Nearest school	Police measurements Total	Total traffic volume, Veh/meas	Total veh. over speed limit Veh/meas	Percentage, %	Average traffic volume, Veh/h
<b>Denninger Straße</b>	<b>Gebelestr.2/ Denninger Str. 1and 3</b>	<b>64</b>	<b>18206</b>	<b>4639</b>	<b>25,5%</b>	<b>284</b>



Blumenauer Straße	Blumenauer Str. 11
Mainau-straße	Reichenau-straße
Manzo-straße	Manzostr.79
Flurstraße	Flurstr.4
Oberföh-ringer Straße	Oberföh-ringer Str
Limes-straße	Limesstr. 38
Hugo-Lang-Bogen	Karl-Marx-Ring 63 Hans-Lohr-Weg u Lang-Bogen 33/35

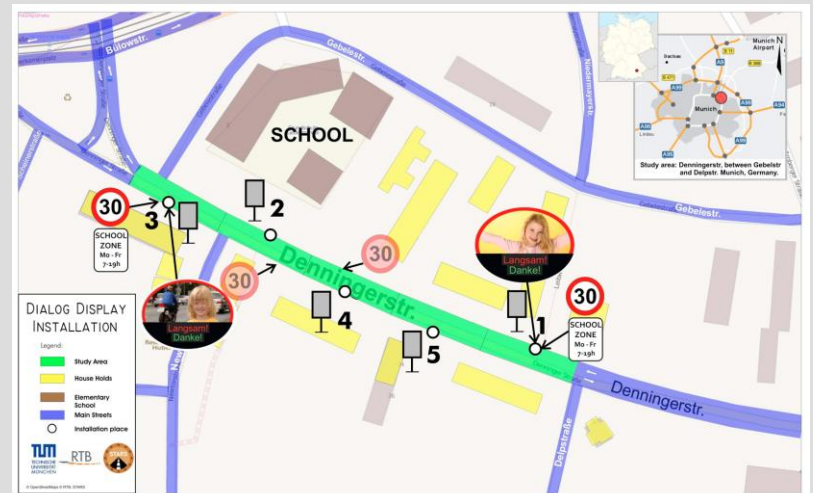


# Speed Measurements

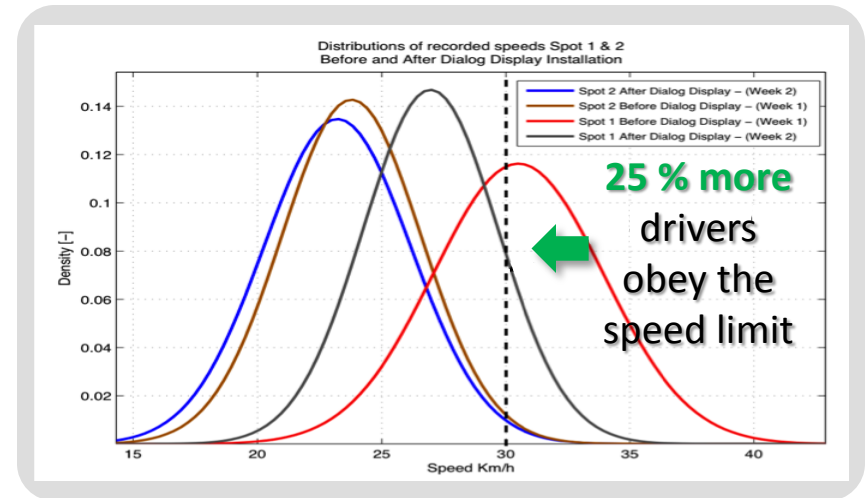
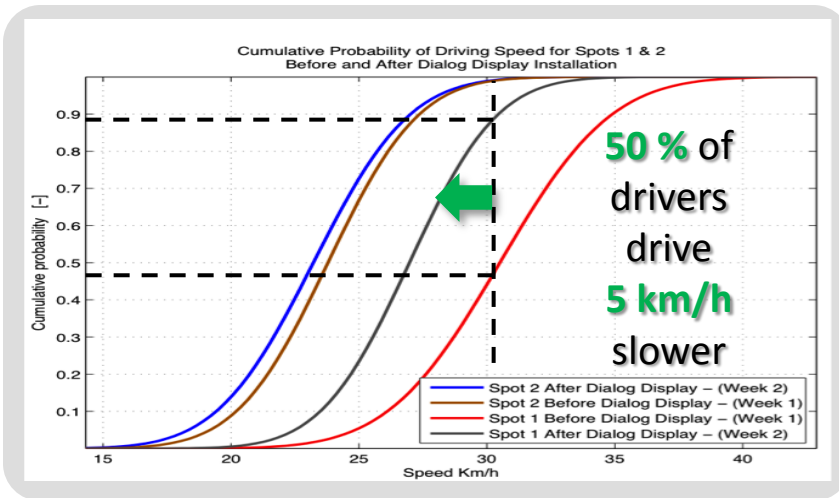
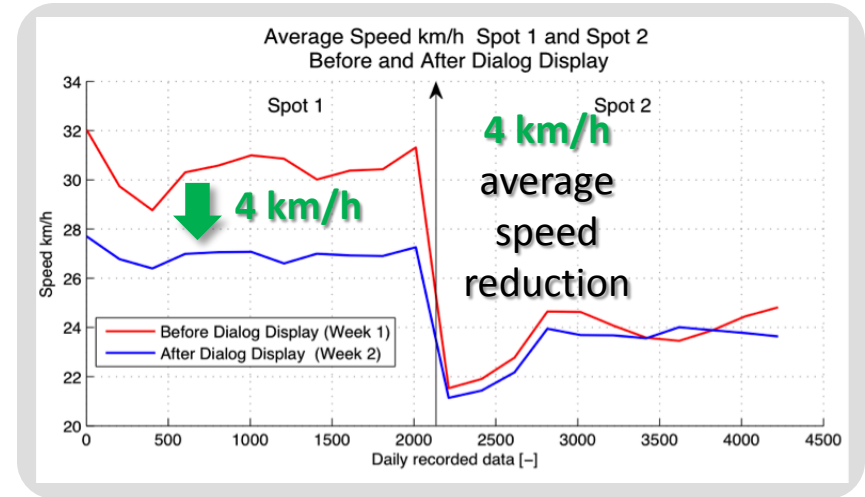
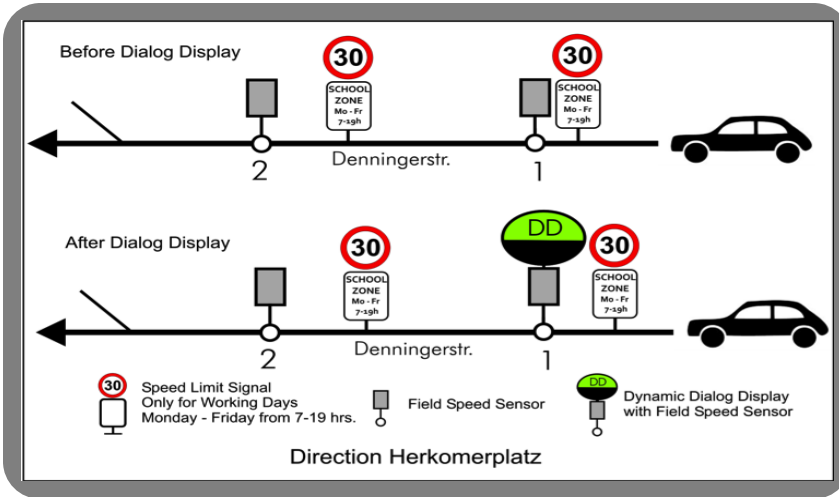
## Before



## After



# Results



# Summary

- 1 Ukrainian and Mexican managed to reduce average speed for **4 km/h** in Munich
- 2 Re-Development of the initial project idea is necessary
- 3 Measurements for **one week before** and **one week after** the Dialog-Display installation
- 4 **50 %** of drivers drive **5 km/h** slower
- 5 **25 %** more drivers obey the speed limit

„Everything is possible, Impossible is nothing!“

Adidas





**THANK YOU!**

**Octavio Jiménez**  
**Oleksandr Savliev**

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Email: [oleksandr.savliev@gmail.com](mailto:oleksandr.savliev@gmail.com)