CeTLeR Centre for Tourism and Leisure Research







#MARA_Mobility – Case of DuGIS engine VASAB - webinar 7 September 2020 Tobias Heldt, Associate professor







DuGIS- the basis for delivery to WP Goals and project implementation

Our Challenge in MARA project:

- Base-line map for each region to support mobility analysis
- Dynamic features require access to up-to date and on-line data

Our solution:

A new innovative GIS engine, with links to a Server developed by DU

- Base data is downloaded into our server
- Some open API are used
- Buffer technique enables quick processing of information for selected buffer (practically any radius can be used – the bigger the slower)



Enables production of base line maps for all case areas



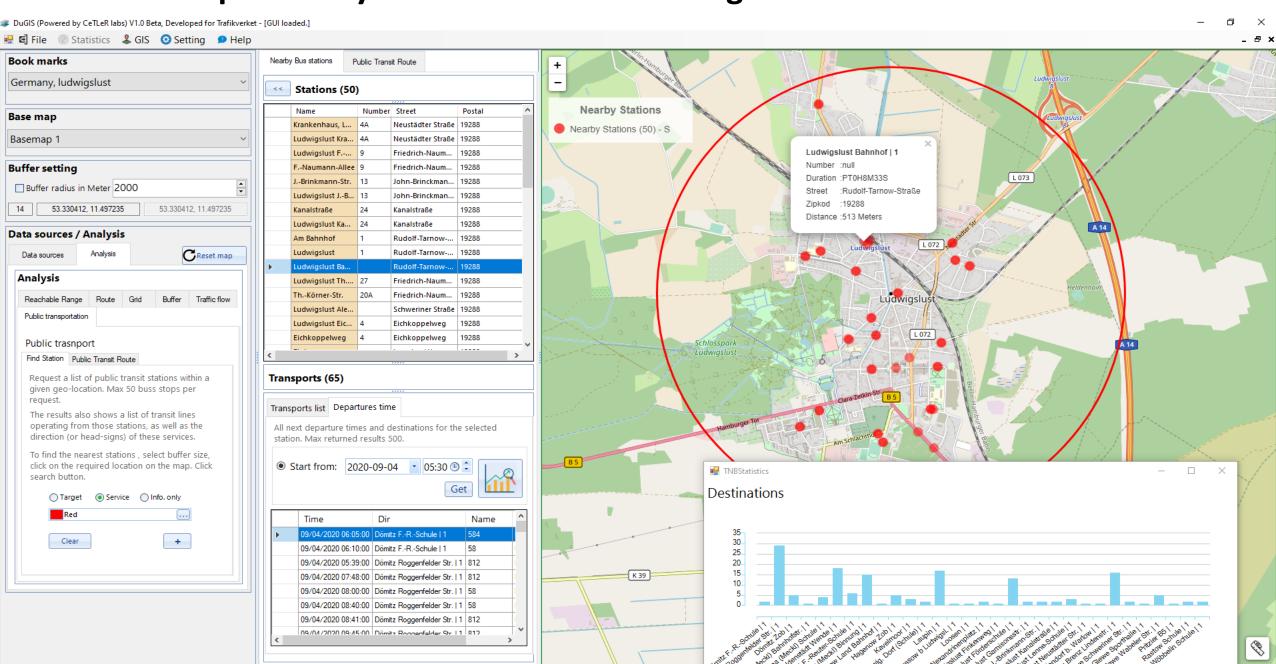
Desk top application that allows for customized analysis by each Partner

This presentation will showcase

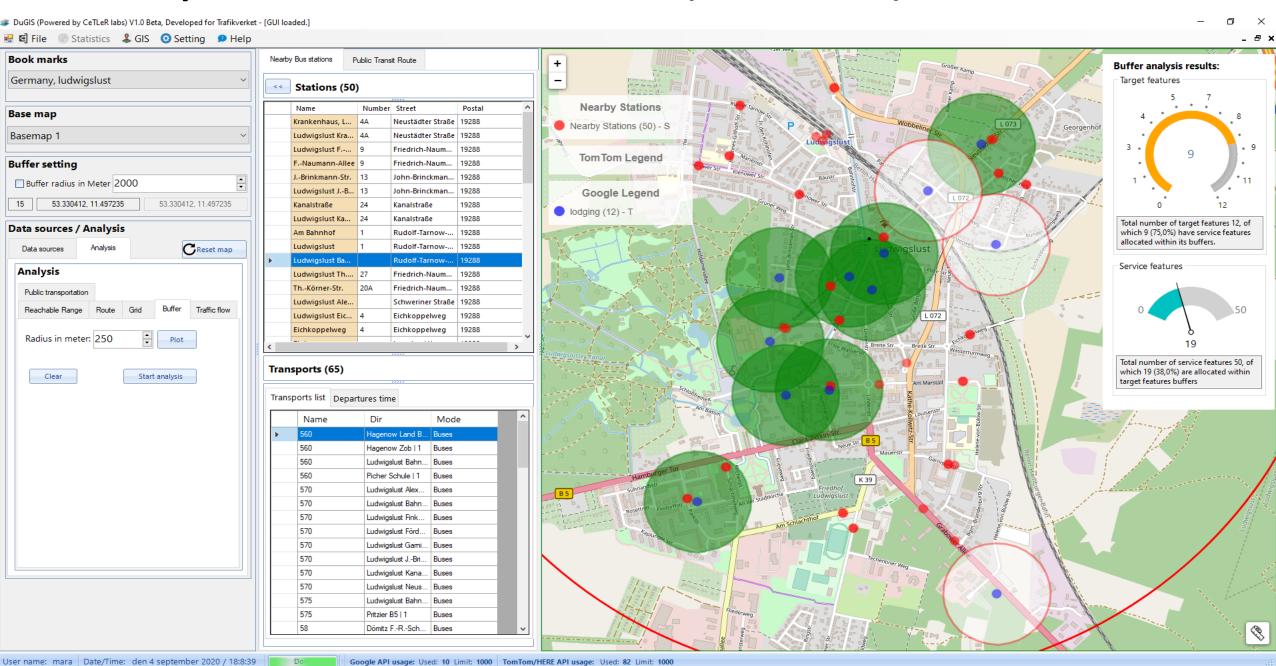
- A) Public transport analysis
- B) Spatial analysis
 - i. GAP between Point-of Interest and mobility offer
 - ii. Time to Reach

Note: presentation includes a number of static maps but the tool is dynamic, i.e. analysis can be performed for all MARA cases

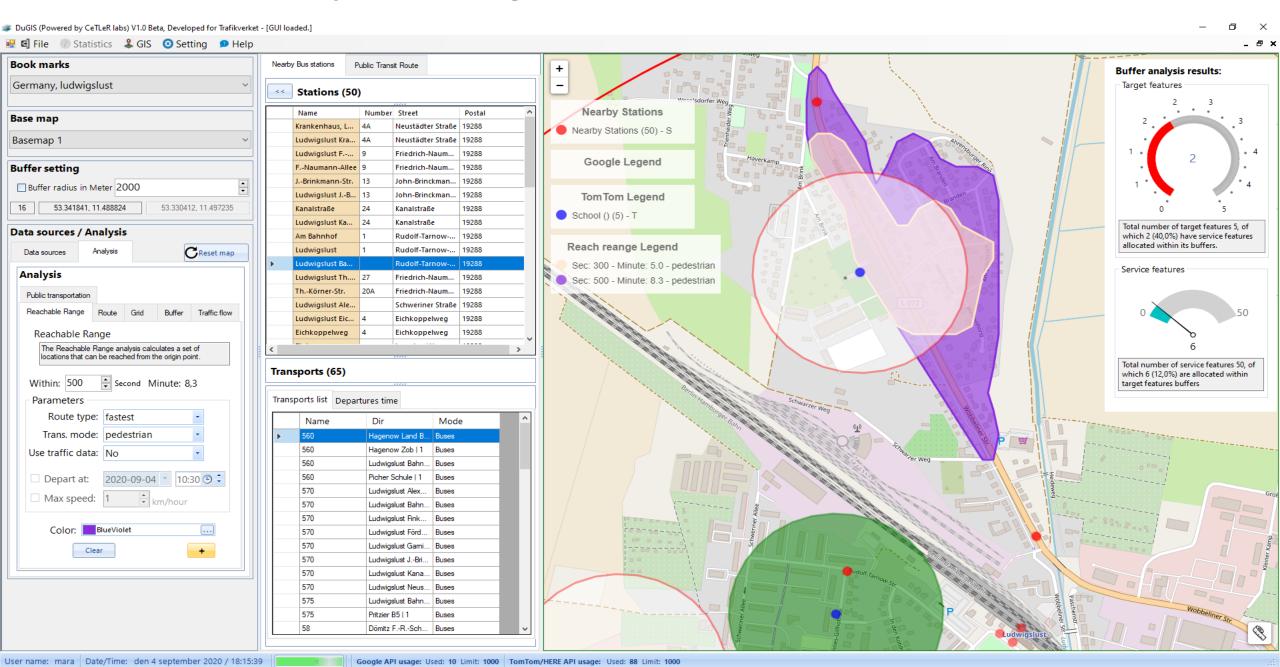
Public transport analysis of MARA Case Ludwigslust



GAP analysis: Point of Interest and Public transport availability



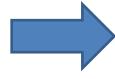
Time to Reach analysis: Walking time from Schools to bus stops



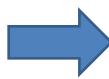
Conclusions

A new innovative GIS engine, DuGIS

Supports the MARA mobility project by:



Enabling the production of base line maps for all MARA cases



Allowing for customized analysis by each Partner thanks to the desktop application and link to DU Server

Thanks!

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Skriv upp dig till vårt nyhetsbrev!

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