WORLD DATA LEAGUE

About WDL

We seek to **accelerate** the creation of

accessible data-driven solutions for **social impact**.

OUR PROCESS

Data
Challenges
Data Scientists
Solution
Evaluation
Open source output
DATA COMPETITION

Open source output

- **Insights Report:** Feasibility of solving a challenge with data, main insights and feedback on data that is provided
- **Executive summary:** Executive summaries of all the submission, including intended usage of the AI model and the impact measurement.
- **Open Source Code:** All the code of the solutions is open under the MIT Licence

All of the output is open-sourced and free for anyone to use.

Previous Edition

Participant Statistics

From 316 applications and 44 nationalities, we chose:

Number of Nationalities

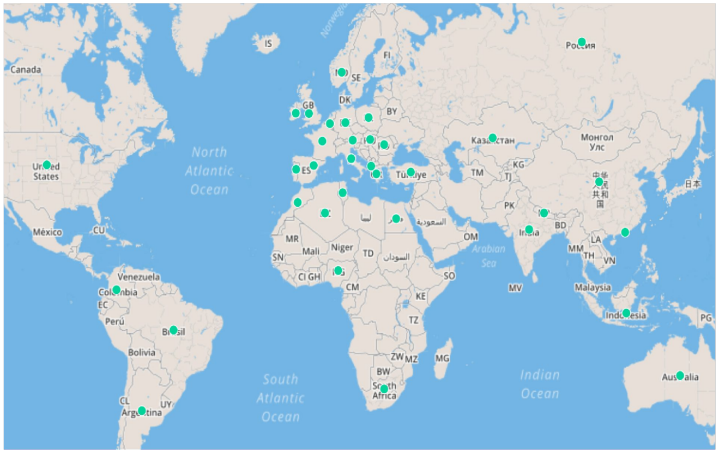
34

Number of Data Scientists

186

Teams

50



Challenge and Data Providers

Challenge Examples

STAGE 1
Public Transportation:

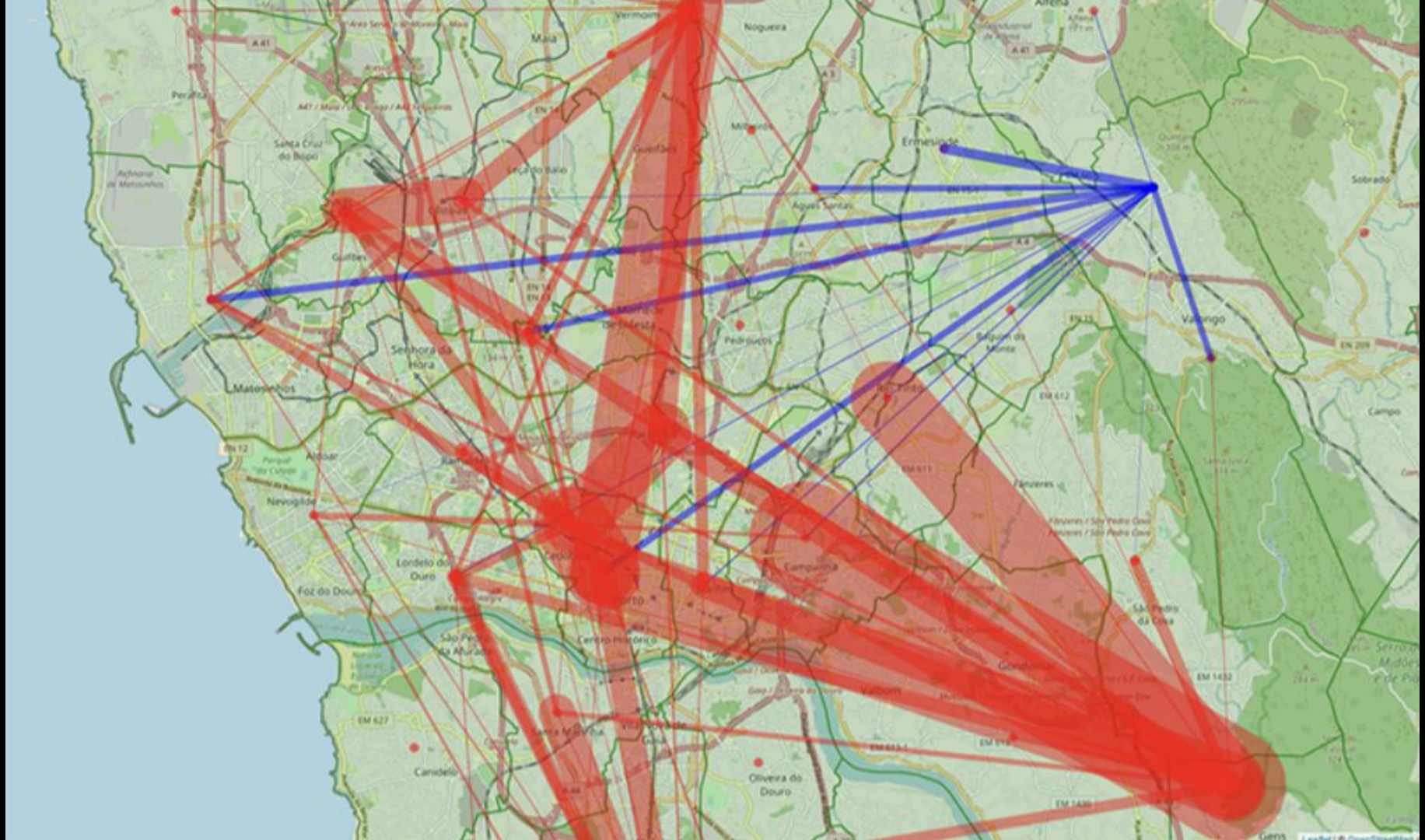
- Churn model for public transportation
- Model of integrated transports for senior citizens

STAGE 2
Traffic:

- Identification of patterns, explanatory factors, and prediction of irregular parking
- Identifying road segments with potential safety hazards

STAGE 3
Cycling:

- (Literally) paving the way towards safer cities
- Missing Links - Closing the circuit in existing cycle networks


Vermoim
Maia
Nogueira
Perafita
Santa Cruz do Bispo
Guifões
Ermesinde
Águas Santas
Sobrado
Valongo
Senhora da Hora
Matosinhos
Pedroucos
Baguim do Monte
Campo
Aldoar
Nevogilde
Lordelo do Ouro
Foz do Douro
Campanha
Centro Histórico
São Pedro da Cova
Gondomar
Valbom
Canidelo
Oliveira do Douro
Gens

Porto
SERRA DE
MIDÕES E
DE PIAS

Outcomes

Insights Report

https://bit.ly/wdl_insights_2021

Open Source Code

https://bit.ly/wdl_code

United Nations
Educational, Scientific and
Cultural Organization

International Research Centre
on Artificial Intelligence
under the auspices of UNESCO

GLOBAL TOP 100
GLOBAL TOP 100
PROMISING PROJECT
PROMISING PROJECT

WDL and Living in EU

Our Approach

- **We work directly with cities** but on global challenges.
- **We create an open innovation ecosystem** for data
- **Data-driven technology** is at the heart of WDL
- **Fairness and explainability** is evaluated in the models

You want in?

Call for Challenges is out!

Process

- Submit an initial idea for challenge + possible datasets.
- Improvement of the challenge with concrete intended goals and output.
- Prepare the datasets for the challenge.
- Be available to answer challenge / data related questions during the competition.

We help with all of the steps.

Apply by 15th January

https://bit.ly/wdl_call_2022

Reach Out!

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