# Ines Knäpper

@THEPortatCERN

### Daniel Dobos

@HScienceAdvisor

Impossible Things at a Hackathon:



# **ORGANISERS - THE Port**

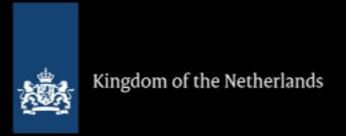












# **Human Rights**



26. - 27. February 2016
@ Impact Hub Geneva
www.diplohack.org



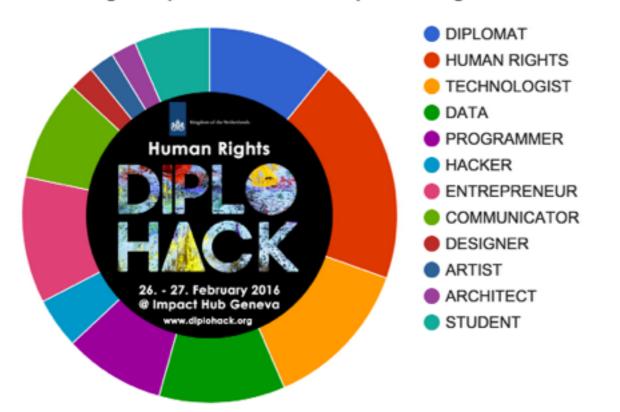






### STATISTICS - details

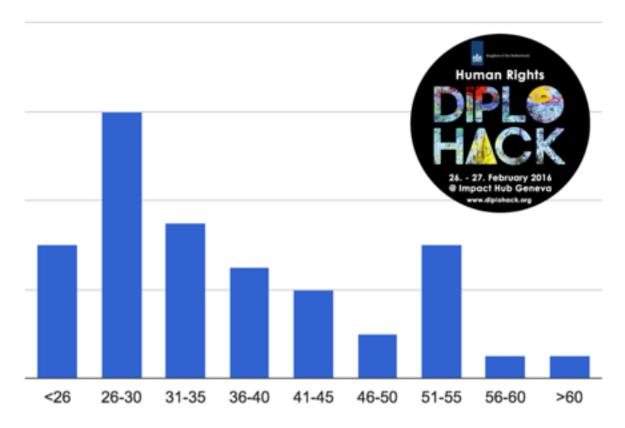
#### Human Rights DiploHack 2016 - Participants Background Distribution



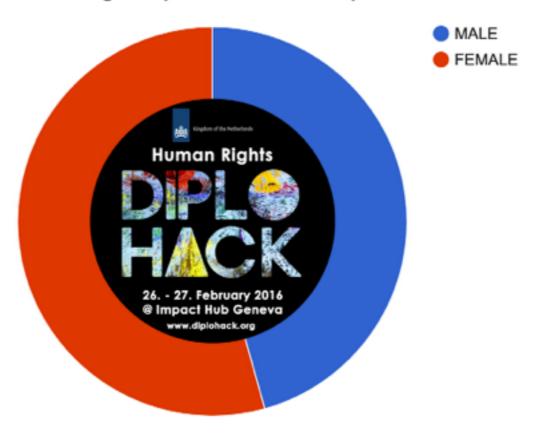
#### Human Rights DiploHack 2016 - Participants Nationality Distribution



#### Human Rights DiploHack 2016 - Participants Age Distribution



Human Rights DiploHack 2016 - Participants Gender Distribution

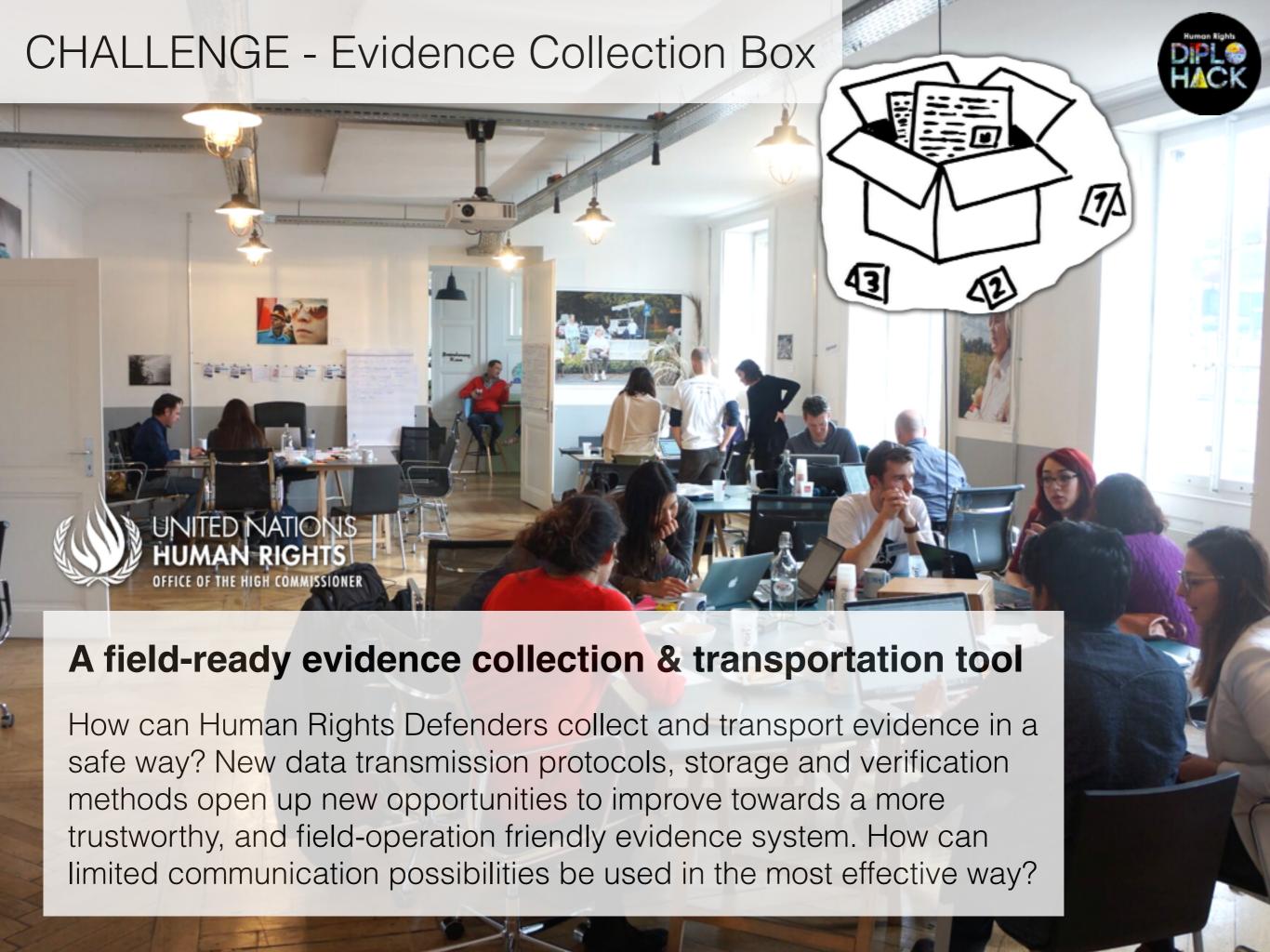


### PARTICIPANTS - teams

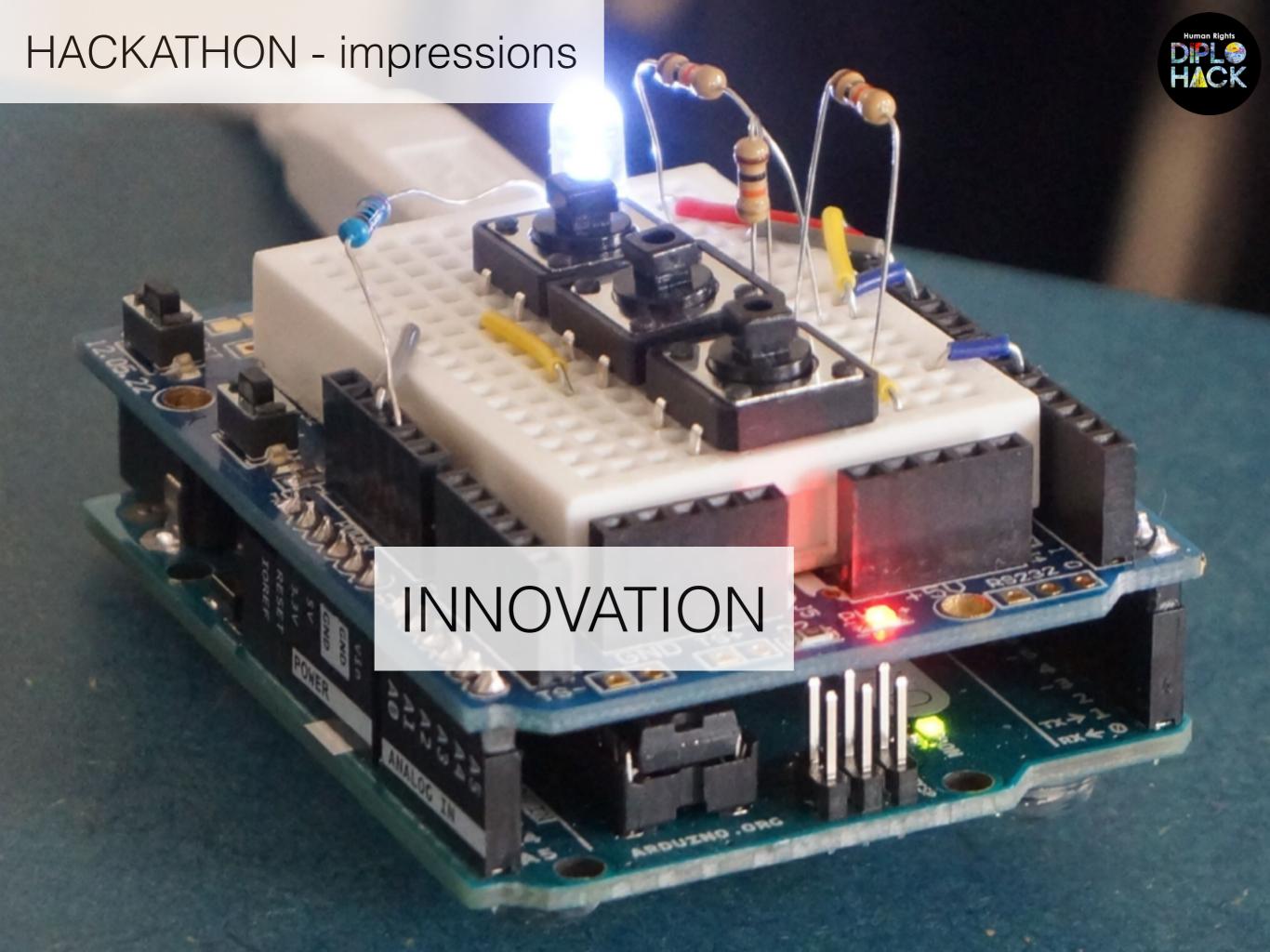






















# DIPLOHACK - high level side-event





Presentation of Diplohack Challenges

**Christophe Peschoux** 



machine learning algorithm identifies if& what kind of Human Rights violationhappens on any picture & video

## PICTRUE - result

#### Researchable evidence database



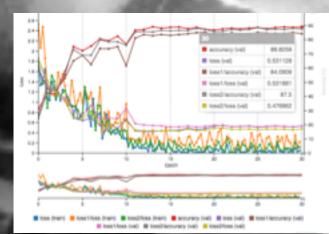
# Self-learning Assessment Framework for Rights (SAFR)

- integrated tool incrementally improves filtering, sorting & verifying images
- based on previous data, tool
   increases capacity to corroborate
   evidence from as many data sets as
   possible
- shifts human rights framework from reactive model to proactive model





99.99% child classroom
0.01% none
0.0% child classroom
0.0% child labour



Machine Learning Image Pattern Recognition



58.2% child classroom 31.6% child soldier 8.1% child labour 1.9% none



# GET THE PICTURE - result



#### **Tools for Verification**

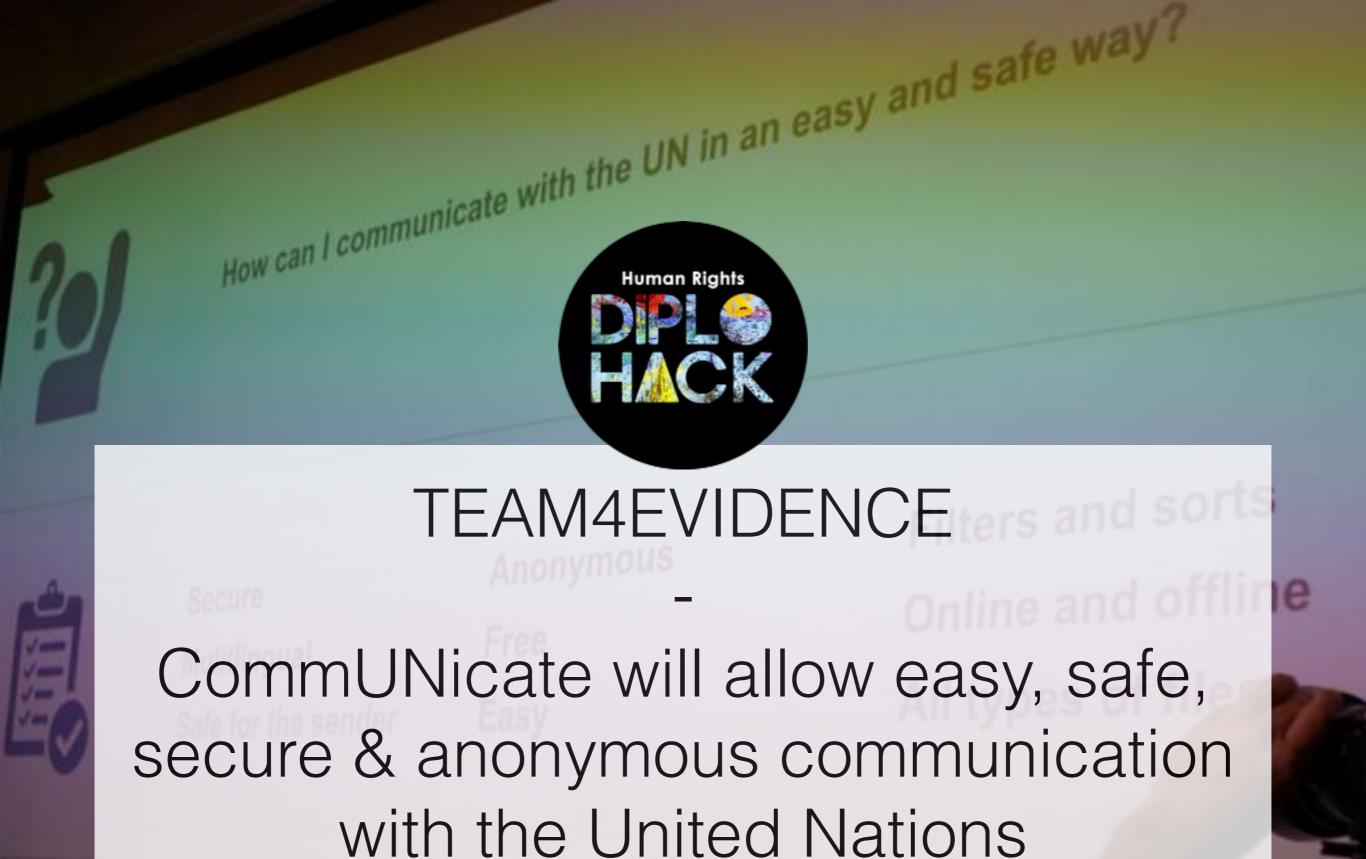
- False Filter smart filter
   identifies "false, tampered
   & manipulated" data files
- Clusterer (semi-) automated contentbased clustering in "cases" (e.g. location & time)
- Network of Helpers essence crowd sourcing of selected (prioritized) data sets
- Ro(Bot) actively scan Internet and social media for case-related images & videos

False Filter implemented in online file browser

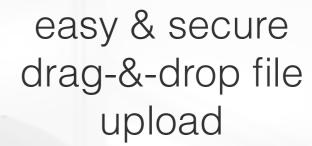














# **C@MMUNICATE**



<b>■ C</b>		
U → UN	UN→ U	
News	Facts	
UN Charter	Information	

Submission Box Please describe what you saw:
Country:
File: Browse
blowse
Upload



VISION:	<ul> <li>Achieve global access by 2030</li> <li>Multistakeholder partnership</li> <li>Grassroots oriented</li> </ul>
NEEDS:	- UN cross-organisation task force - Back office at the receiving end

secure communication fully embedded in general UN communication website, app & strategy

website & app allow anonymous easy-setup communication

## DIPLOHACK - Bert Koenders & Kate Gilmore



"We have to innovate diplomacy."

Bert Koenders

"Human Rights 2.0"

Kate Gilmore

"Never forget, always share and act in solidarity."

H. E. Mr. Bert Koenders

Minister of Foreign Affairs

of the Netherlands

Kate Gilmore

"We need you, we need innovation for the cause of human rights!"

Bert Koenders

























# Jack Steinberger - Nobel Prize Physics





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Impossible Things at a Hackathon:

NONE - DREAM BIG!



