

THE Port HACKATHON AT CERN

31st October - 2nd November 2014

unite innovators • impact future • act today

THE PORT



- April 2014, a group of friends from CERN and UN talk about work during a party at CERN.
- Coming back from conflict zones... sad stories... avoidable problems with use of technology.
- Enough talking, 6 months to prepare a 3 day hackathon devoted to humanitarian, social and public interest topics with the aim to produce tangible outcome – not just ideas.

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- During our spare time
- Building the team
- Creating association
- Defining topics on real problems
- Finding partners and sponsors
- Lots of discussions, meetings and communication
- Officially CERN60 event
- Hosted by IdeaSquare



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Tracking and demarcation system for dogs in rescue and de-mining operations



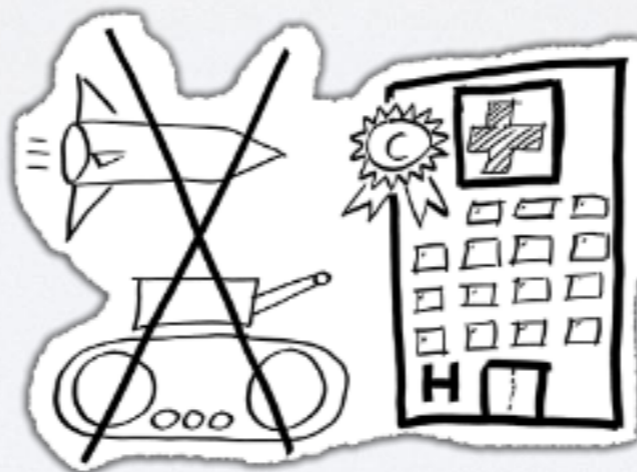
A private information retrieval data store



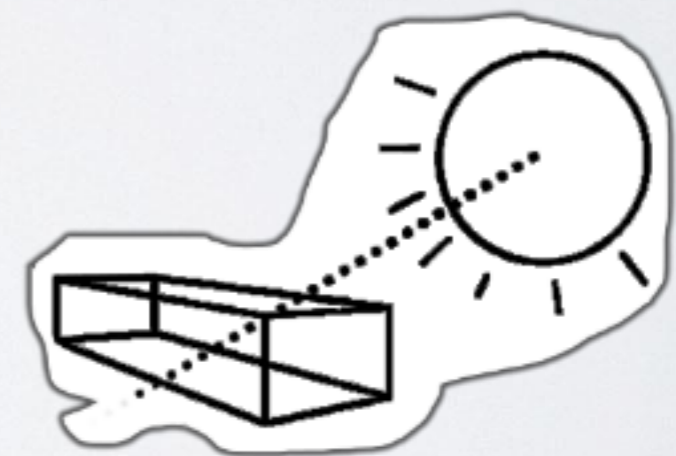
Terrain elevation determination for refugee camps



The 10\$ inflatable fridge for field operations



The conflict zone humanitarian demarcation certificate



Portable cosmic ray detector with grid analysis

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- Candidates from 38 countries
- CERN, Oxford, MIT, EPFL, NASA, Google, Ericsson, TEDxLausanne, NBA, etc...
- Coming at own expenses
- 90 video interviews
- 35 selected for 5 teams
- Local mentors/experts
- Working since several weeks using tools from IT



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“
Much of the technology we take for granted today can be traced back to basic research in the highly demanding research fields our organizations deal in”

Rolf Heuer



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“
... it is incumbent on us to make sure that our innovations get to the people who can turn them into new technologies that will benefit mankind in ways that go beyond the laboratory”

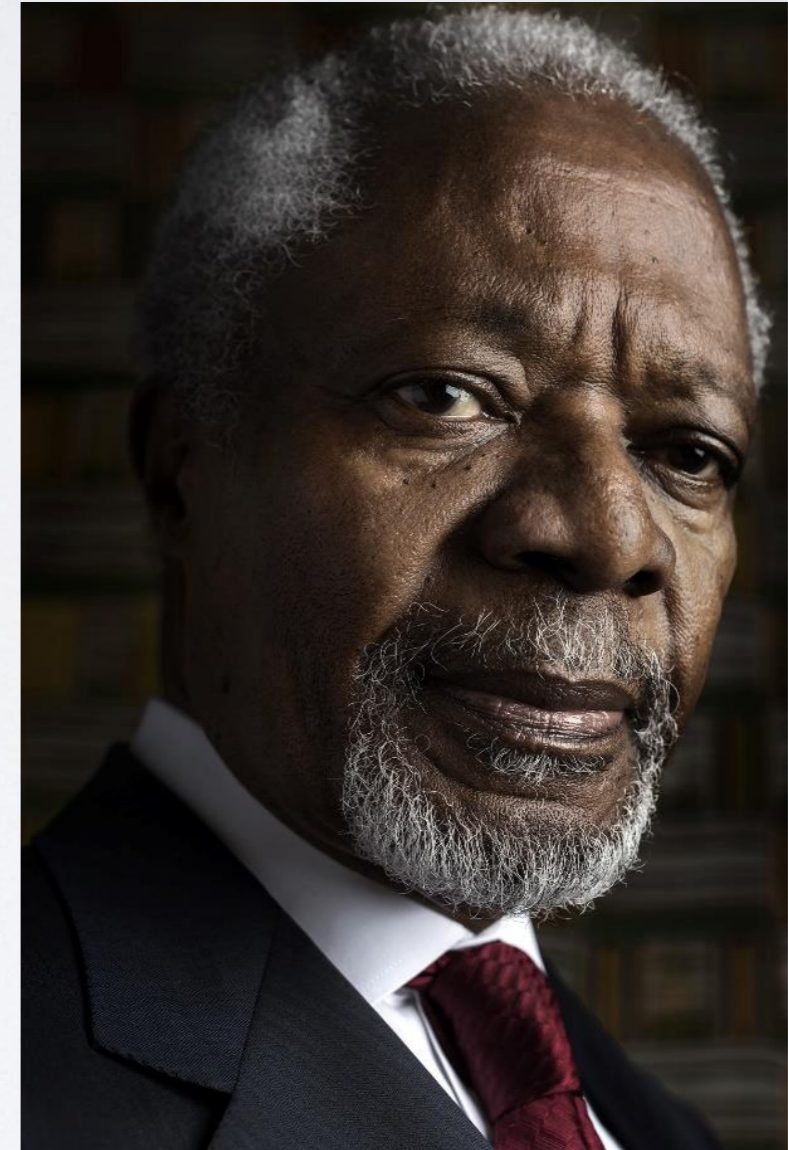
Rolf Heuer



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“
... information and communication technologies give us potential to improve standards of living throughout the world. Our challenge is to harness that potential for the benefit of all people.”

Kofi Annan



OUR MESSAGE



**GO AHEAD WITH YOUR IDEAS, YOU WILL GET
MANY BARRIERS BUT DON'T STOP.**

DON'T EXPECT ANYONE TO SHOW YOU THE WAY.

**FRUSTRATION IS PART OF THE PROCESS, BUT
ALSO SUCCESS.**

THANKS!

**JOIN US AS EXPERTS-ON-CALL
Q&A @SOCIAL #THEPORT2014**



**SCIENCE
FOR PEACE**



YEARS/ANS CERN