Zanasi & Partners
Security Research and Advisory
http:/www.zanasi-alessandro.eu

Supporting early detection of high-risk travellers

Alessandro BONZIO
Researcher & advisor
Alessandro ZANASI
Founder & CEO

ACXIS – BODEGA - C-BORD - CORE - SOURCE
Joint Exploitation Event
Paris, May 19 2017

THE PROBLEM/1

- Greater number of people crossing European borders every day increases the risk for border authorities of not being able to **timely detect threats**;

- **Huge amount of data** from **many different sources** makes it impossible for single border guards to perform **traveller risk assessment** based on all the available information;

THE PROBLEM/2

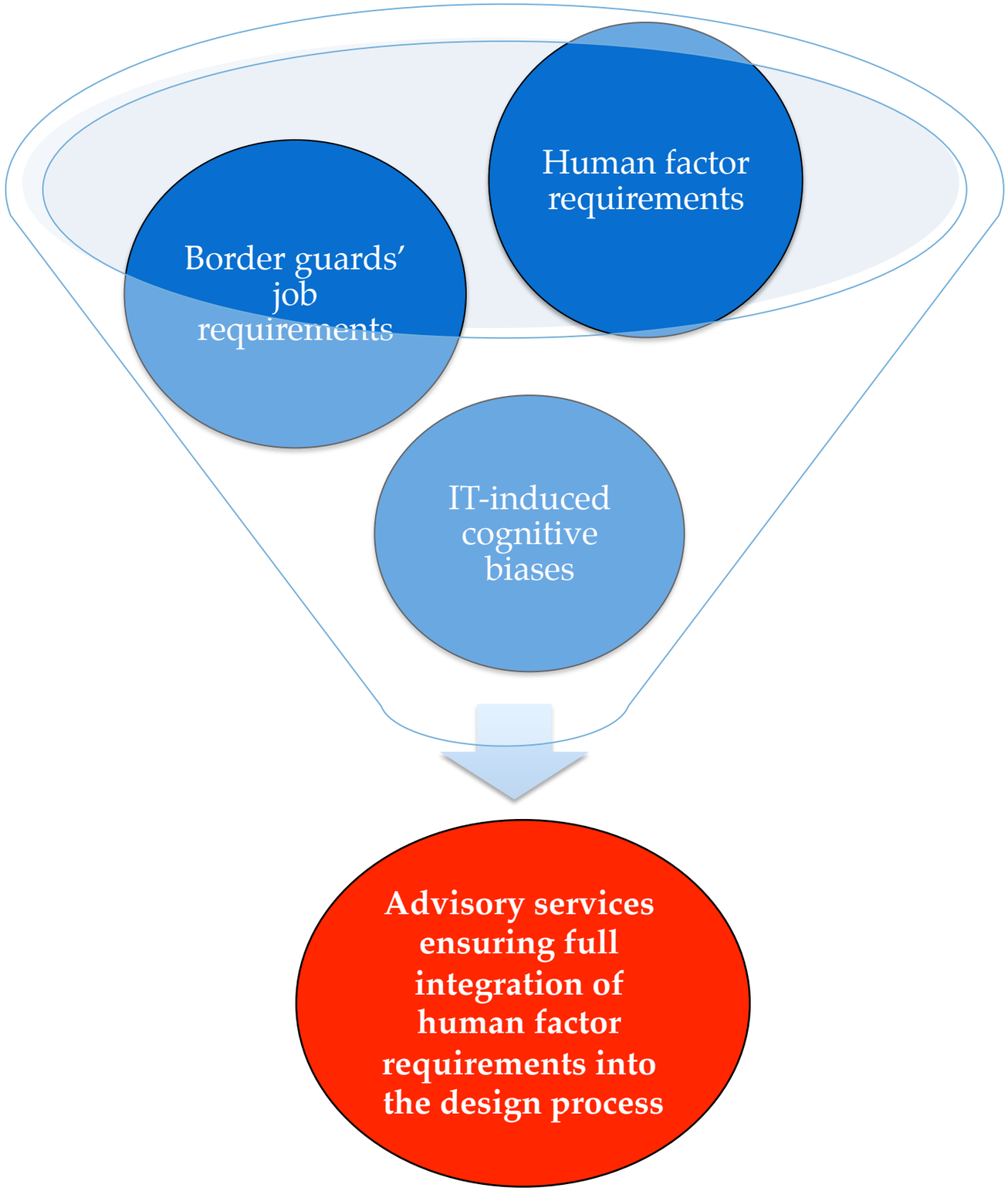
- To achieve the full potential of having this data, there is a need for systems capable of **automatically** processing and analysing it (e.g. big data analytics solutions);

- Security technology developers often lack the **human factor expertise** needed to design risk analysis solutions that fully address the border guards' operational needs.

OUR ADVISORY SERVICES



WHAT ARE THE BENEFITS?



END-USER VALIDATION

Advisory solution validated by border control practitioners and representatives of the security technology industry:

- RECOBIA end-users workshops (November 2013, 2014);
- Joint ABC4EU-BODEGA Showcase Event (May 2017 – Levi, Finland)
- BODEGA end-users workshops (late 2017, early 2018).

Final solution validation planned during 2nd BODEGA showcase (mid 2018).

TARGET CUSTOMERS

Primary customers

- Border control authorities
- Custom agencies
- Law-enforcement & intelligence agencies

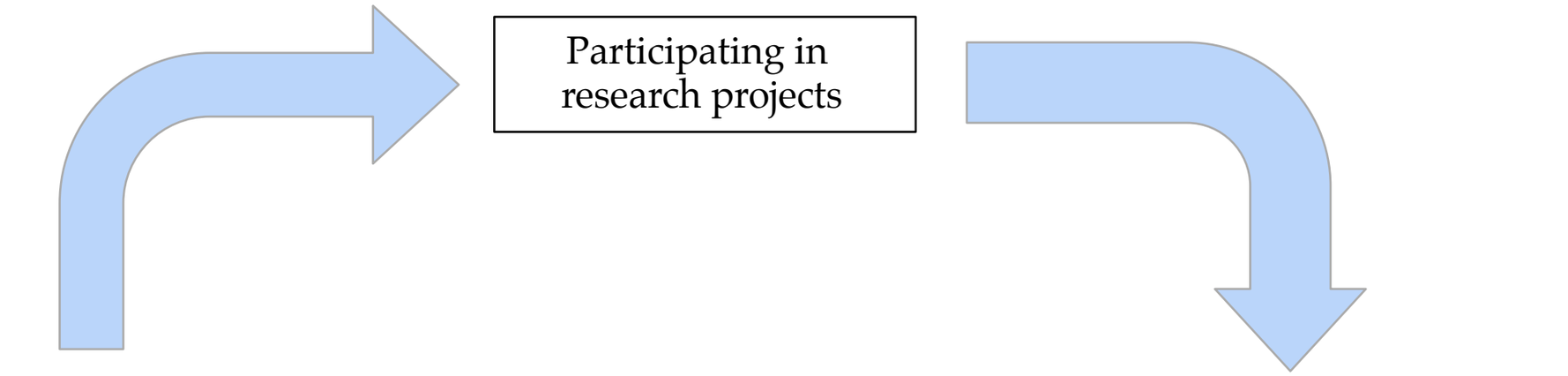
Secondary customers

- Big data/data analytics software providers
- Providers of risk assessment software for border control

Tertiary customers

- Other sectors of the border control technology industry

BUSINESS MODEL



OUR TEAM



Alessandro ZANASI
(founder and CEO)

- M.Sc. Eng. in **Nuclear Engineering** (Bologna University, Italy)
- Former **Carabinieri** officer and **IBM** executive and researcher
- **University professor** of Data/Text Mining and Intelligence Techniques.
- Co-founder of TEMIS SA and founder of Z&P.



Fabio RUINI
(researcher and consultant)

- **Ph.D. in Artificial Intelligence** (Plymouth University, UK)
- M.Sc. in Economics (Modena University, Italy)
- Expert in cyber security, critical infrastructure protection, social media monitoring and cyber intelligence.



Alessandro BONZIO
(researcher and consultant)

- **M.A. in International Relations (King's College London).**
- Former researcher at think-tank Demos
- Former Programme Coordinator at the Institute for Cultural Diplomacy (ICD).

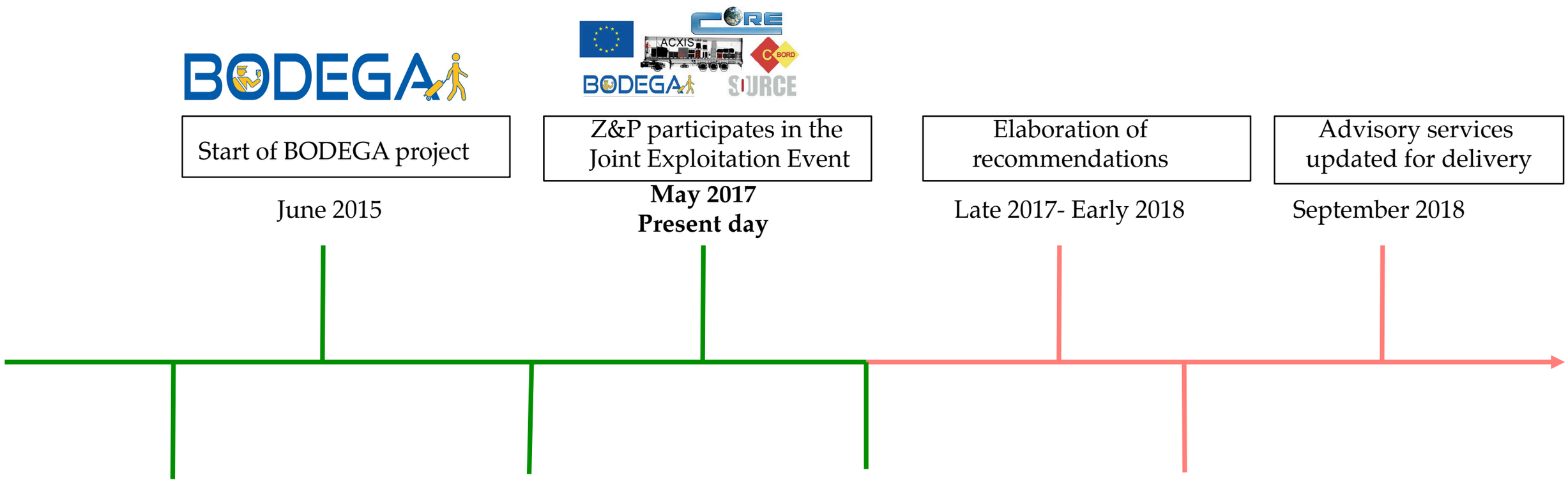


Giorgio ZANASI
(senior advisor)

- **Carabinieri General. M.Sc. in Political Science.**
- Italian Military Academy in Modena
- French War School at **École Militaire in Paris**
- Expert in Psychology of Emergency
- Professor of Techniques of Criminal Investigations.

Our **client**s: Frontex, ESA, ENISA, Algiers port and airport, Saudi MOI...

STATE-OF-THE-ART & FUTURE ACTIVITIES



January 2015

End of RECOBIA project

April 2016

Research on data-based risk assessment

Summer 2017

Privacy impact assessment

Late 2017- Early 2018

Validation of Z&P's solution

REDUCTION OF COGNITIVE BIASES IN INTELLIGENCE ANALYSIS

WHAT'S NEXT?

- Any feedback?
- We are looking for partners for future Border Control research projects (e.g. H2020 2016-2017 Secure Societies call)

Thank you for your attention!

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