Excellence Hubs – experiences from project preparation: Cyber-security Excellence Hub in Estonia and South Moravia (CHESS)

Ladislav Čoček
Masaryk University
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https://cordis.europa.eu/project/id/101087529

Initiation

- What are the strengths of our region?
- Can we make connections to all (4) sectors?
- Who can coordinate?

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Partnership

- Who are our (research) partners?
- Can they reach all (4) sectors?
- Do we have some interesting story?

The Return of Coppersmith's Attack: Practical Factorization of Widely Used RSA Moduli*

Matus Nemec
Masaryk University,
Ca' Foscari University of Venice
mnemec@mail.muni.cz

Marek Sys†
Masaryk University
syso@fi.muni.cz

Petr Svenda
Masaryk University
svenda@fi.muni.cz

Dusan Klinec
EnigmaBridge, Masaryk University
dusan@enigmabridge.com

Vashek Matyas
Masaryk University
matyas@fi.muni.cz

COMPLETELY BROKEN —

Millions of high-security crypto keys crippled by newly discovered flaw

Factorization weakness lets attackers impersonate key holders and decrypt their data.

DAN GOODIN - 10/16/2017, 1:00 PM

Enlarge / 750,000 Estonian cards that look like this use a 2048-bit RSA key that can be factored in a matter of days.

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Consortium building

- Contribution to EU

- Academia
- Industry (established!)
- Government / Public
- Society

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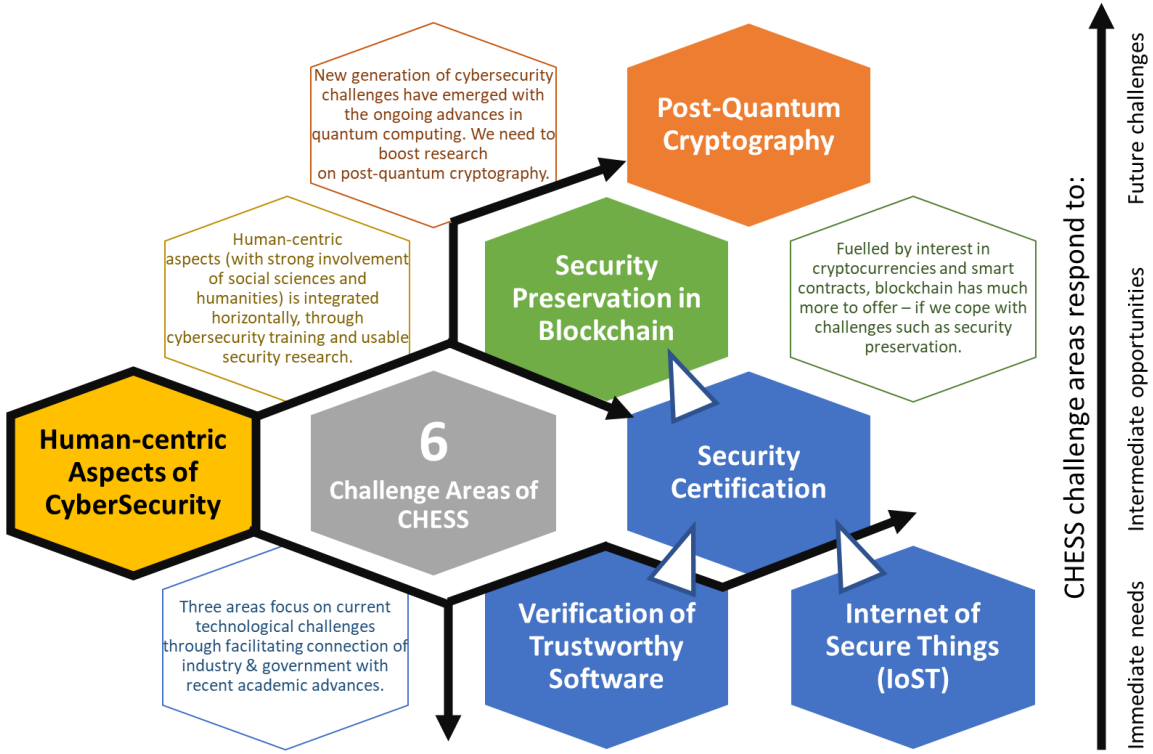
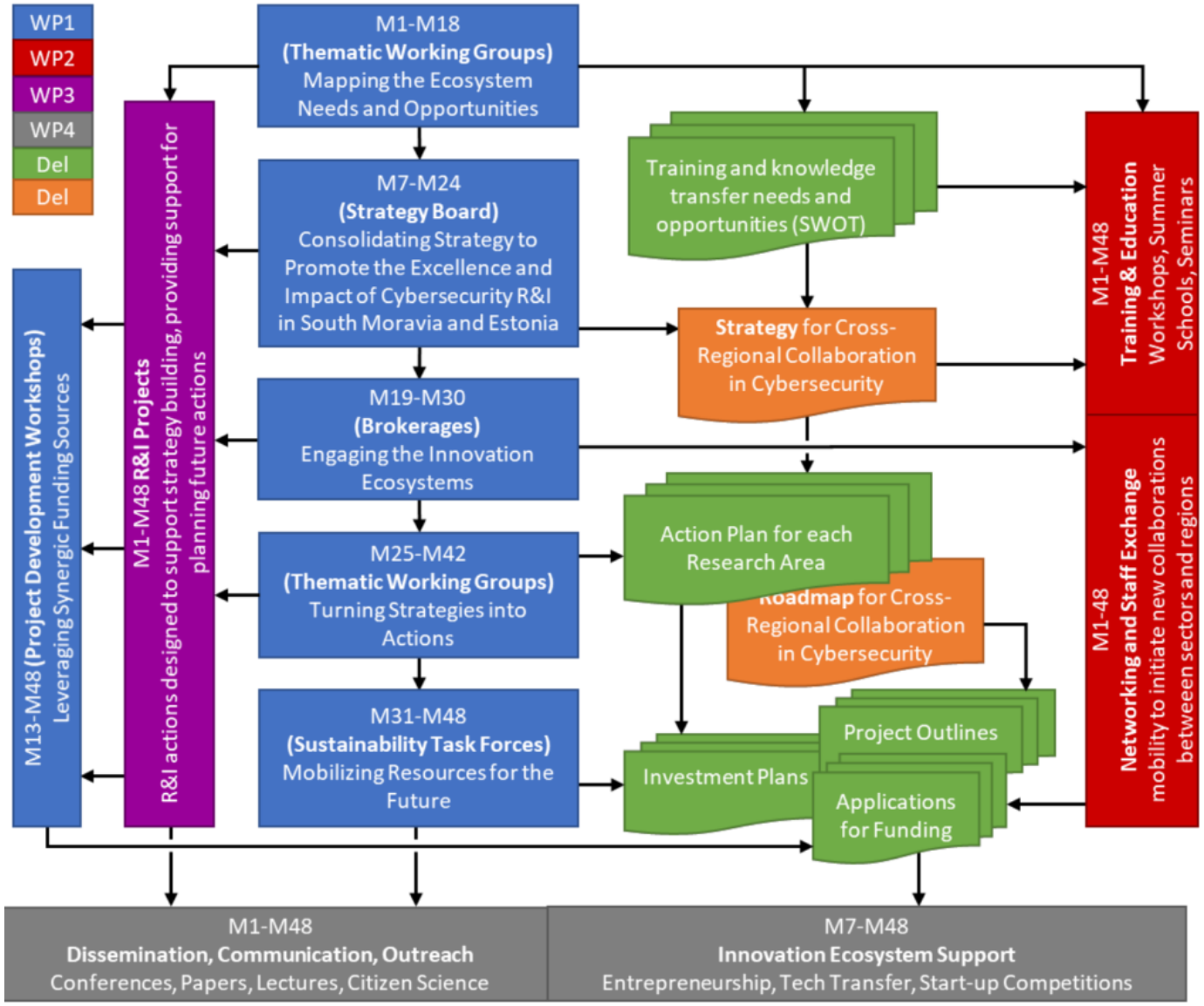
Project design

- Target challenge areas based on common research interests (6)
- Broad areas with high degree of flexibility
- All challenge areas co-led by both regions



Project workplan

- Work plan as simple as possible (5 WPs)
- All WPs co-led by both regions
- Strategy building as the main axis



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