



CIRINT.NET

Critical Infrastructure Resilience

James Urquhart

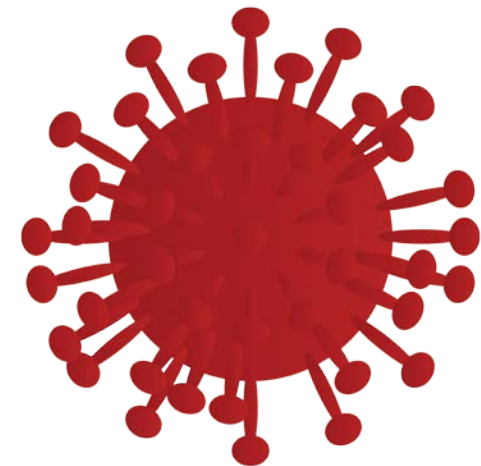




- Quick personal background
- Setting the scene
- CIR in Scotland – infancy to maturity
- CIRINT – a model for Collaboration
- Where do we go from here?

COVID-19 'A wake up call!'

- **28,871,176** confirmed cases (14.09)
- **921,801** deaths (14.09)
- The economy of the European Union is expected to shrink by **7.4 percent** in 2020
- Greece and Italy are set to be the worst affected economies, seeing GDP decline by **9.7** and **9.5** respectively



Scotland – CIR from Infancy to Maturity



SCOTT MATHIESON
Network Planning &
Regulation Director, Scottish Power Energy Networks



"SP Energy Networks keeps the lights on for approximately 80% of Scotland's population. A key aspect of our role is to ensure resilience is built into every aspect of our electricity network and operations. We receive strong support, advice and excellent engagement from the Resilient Essential Services team at the Scottish Government, in a partnership that makes a positive difference for Scotland."



BRENDAN DICK
Director, BT Scotland
Managing Director, BT Regions



"BT places great value in our partnership with the Scottish Government, playing our part in delivering the country's Civil Resilience Strategy. We're proud of our role in keeping the nation connected. Working closely with the Scottish Government's Resilient Essential Services team and other partners, it's clear that vast strides have been made in recent years. We look forward to continuing our successful relationship into the future."



PAUL MAXWELL
General Manager
Operational Resilience, Scottish Water



"Scottish Water is "Trusted to serve Scotland" and a key part of maintaining our service is the help and support we get from working in collaboration with the Resilient Essential Services team and other partners. This helps us share best practice, make resilience improvements and challenge ourselves on what is still to be done."



Scottish CIR - The Journey so far

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- A Scottish approach
- Collaborative approach
- Empowered approach
- Improvement approach



Case Study 1

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“SP Energy Networks keeps the lights on for approximately 80% of Scotland’s population. A key aspect of our role is to ensure resilience is built into every aspect of our electricity network and operations.”

SCOTT MATHIESON

Network Planning &
Regulation Director, Scottish Power Energy Networks



Case Study 2

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"BT places great value in our partnership with the Scottish Government, playing our part in delivering the country's Civil Resilience Strategy. We're proud of our role in keeping the nation connected and it's clear that vast strides have been made in recent years."

BRENDAN DICK

Director, BT Scotland Managing Director, BT Regions



A model for Collaboration

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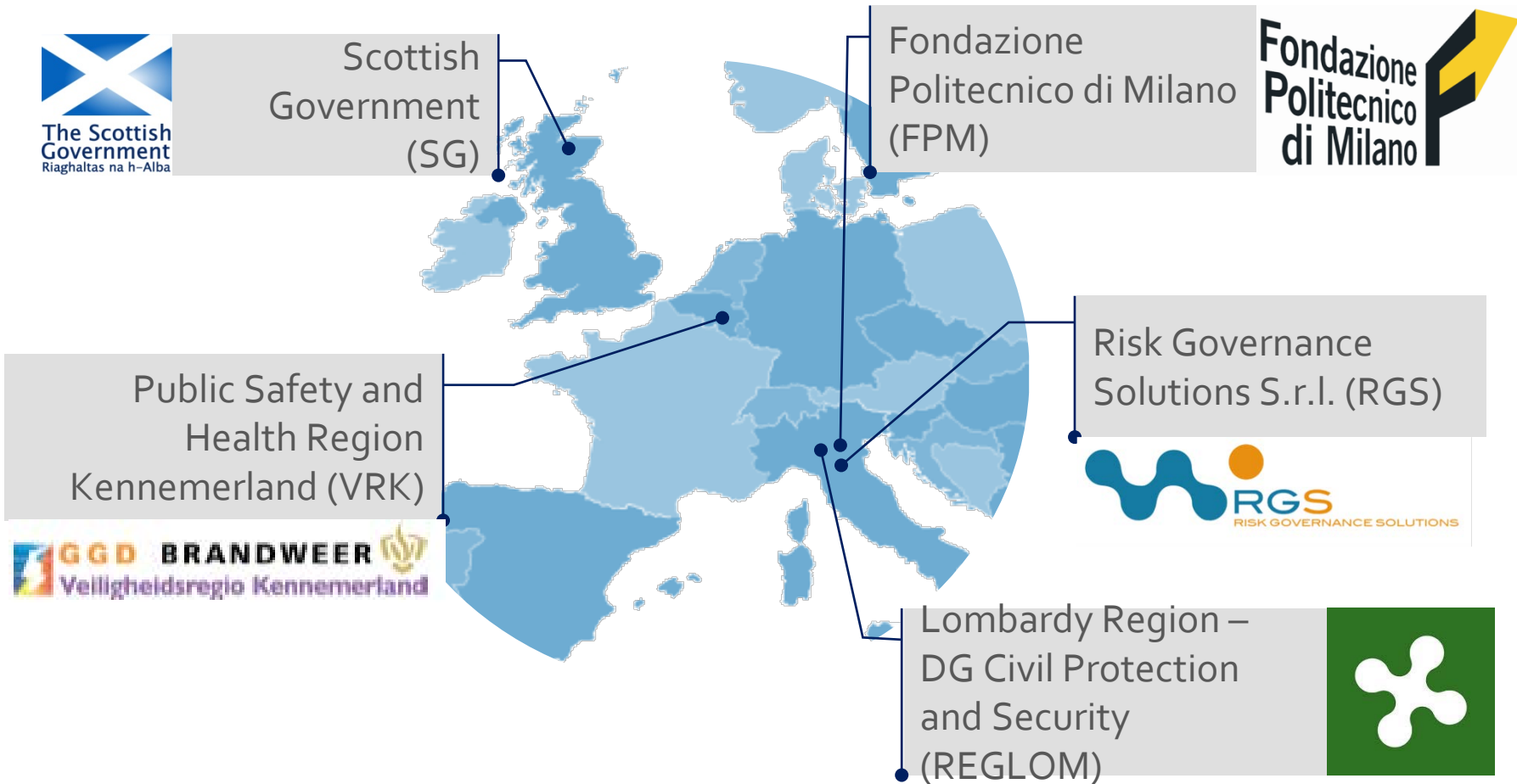
- What is CIRINT?
- What is its Purpose?
- Who is it for?

A large, stylized logo for CIRINT.NET. The text "CIRINT.NET" is written in a bold, blue, sans-serif font. The text is centered within a white rectangular box that has a blue border. The box is set against a background of two horizontal blue bars, one above and one below the box. The entire logo has a subtle drop shadow effect.

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Founding Members

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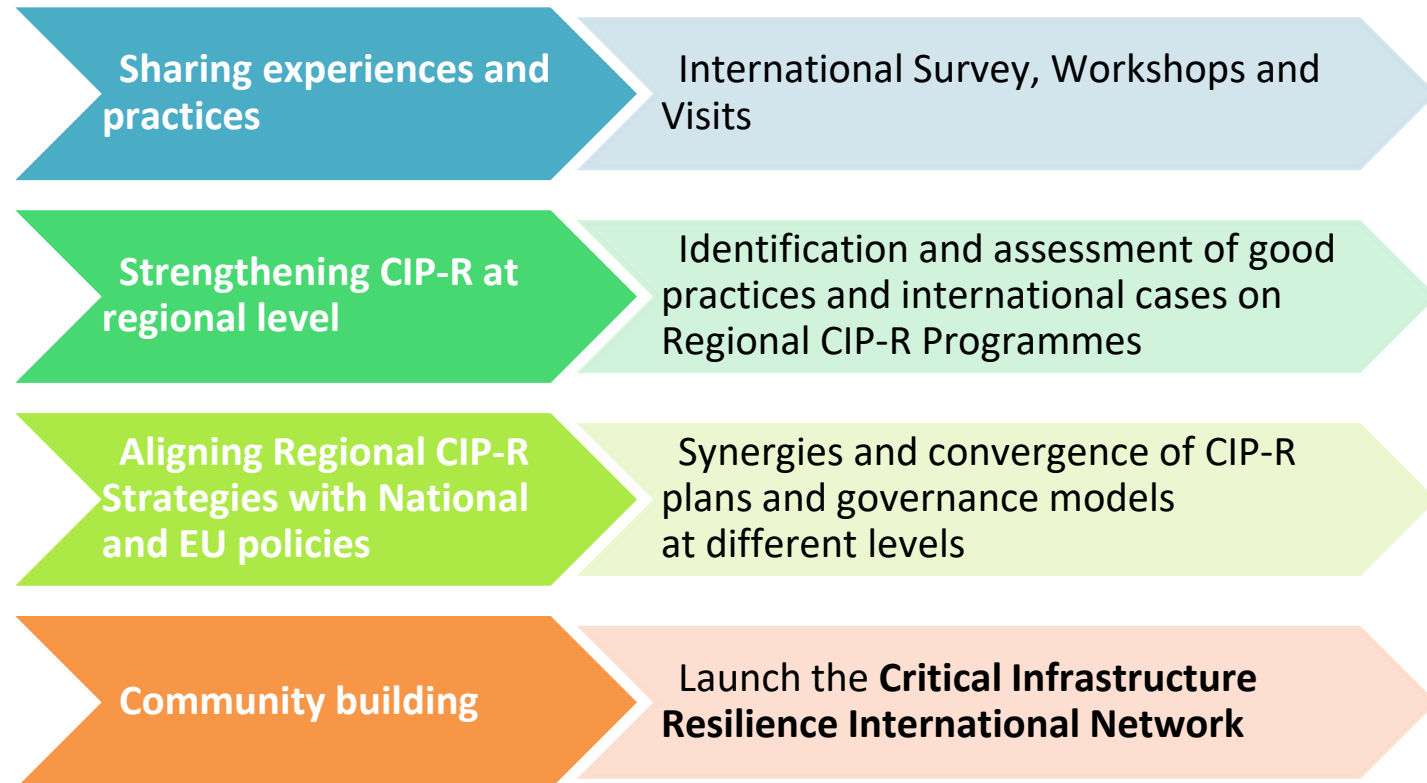


Information Sharing Good Practice
Learning
Peer Review Benchmarking
Collaboration **Networking**
Friendship

MIRACLE Project (2013-2015)

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Promoting and contributing to the development of **regional Critical Infrastructure Protection and Resilience (CIP-R)** strategies in Europe



Member Organisations

- 56 organisations engaged
 - 25 National, Regional and City Governments & Governmental Agencies
 - 9 Academic, Research and Development Organisations
 - 7 Responder Organisations
 - 7 Critical Infrastructure Operators
 - 6 Consultancies
 - 2 Charities



Communities of Interest

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Open discussion areas

#react
#communities
#general
#random



CIRINT ▾



- ▾ Channels +
- 🔒 chemical
- 🔒 cip-r_programmes
- 🔒 civil_nuclear
- 🔒 **communications**
- # communities
- 🔒 defence
- 🔒 emergency_responders
- 🔒 finance
- 🔒 food
- 🔒 government
- 🔒 health
- # random
- # react
- 🔒 space
- 🔒 transport
- 🔒 water
- # general

Secure discussion areas

- 🔒 Energy
- 🔒 Health
- 🔒 Water
- 🔒 Food
- 🔒 Government
- 🔒 Emergency Responders
- 🔒 Transport
- 🔒 Civil Nuclear
- 🔒 Communications
- 🔒 Finance
- 🔒 Space
- 🔒 Chemical
- 🔒 Defence

The Future?

- Uncertain times and unknown challenges
- New opportunities and innovation!
- **Collaboration** will be vital
- **Sharing best practice** is key
- We can all **learn from each other**
- A Call to reinvigorate CIRINT to enable cross-border engagement



Thank You

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