European Knowledge Hub and Policy Testbed for Critical Infrastructure Protection

EU-CIP Conference

"EU-CIP Impact on Innovation" – Brussels, 21 September 2023

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eu-cip.eu

Reinventing European Resilience through Innovation

01

A NEW CIP ENVIRONMENT

NEW THREATS & VULNERABILITIES

INTERCONNECTED INFRASTRUCTURES

LARGE SCALE DISRUPTIONS

02

CAPABILITY GAPS & NEEDS

EU-CIP ANALYSIS
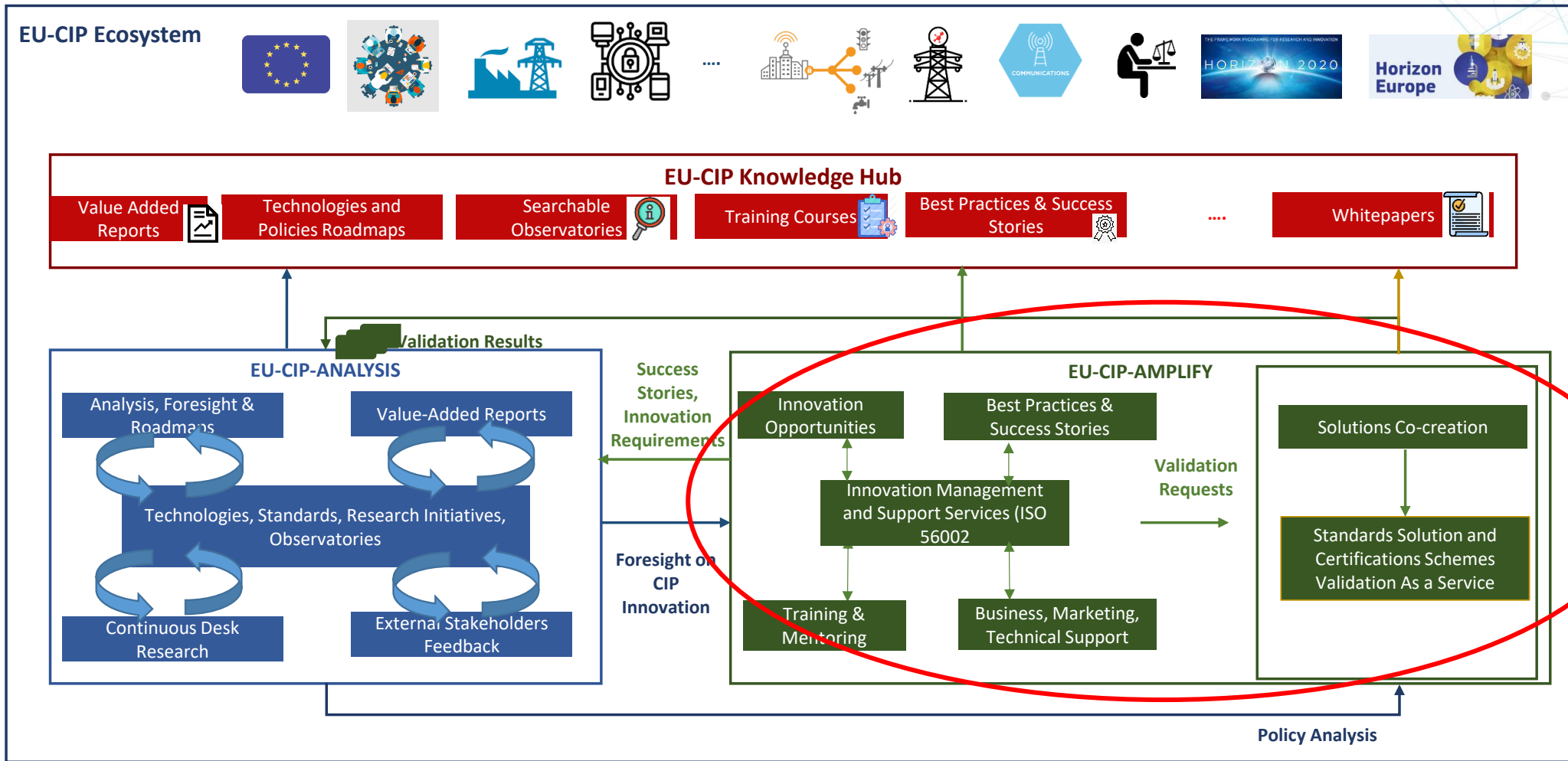REAL-TIME CAPABILITIES
AUTOMATION & AI
TRAINING & SKILLS

03

INNOVATION DEVELOPMENT

CO-CREATION
NOVEL PRODUCTS & SOLUTIONS
INNOVATION MANAGEMENT

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The EU-CIP Innovation Management Leg

EU-CIP Ecosystem

EUCIP's Innovation Management Leg

EU-CIP Knowledge Hub

| Value Added Reports | Technologies and Policies Roadmaps | Searchable Observatories | Training Courses | Best Practices & Success Stories | .... | Whitepapers |

EU-CIP-ANALYSIS

- Analysis, Foresight & Roadmaps
- Value-Added Reports
- Technologies, Standards, Research Initiatives, Observatories
- Continuous Desk Research
- External Stakeholders Feedback

Validation Results

Success Stories, Innovation Requirements

Foresight on CIP Innovation

EU-CIP-AMPLIFY

- Innovation Opportunities
- Best Practices & Success Stories
- Innovation Management and Support Services (ISO 56002
- Training & Mentoring
- Business, Marketing, Technical Support

Validation Requests

- Solutions Co-creation
- Standards Solution and Certifications Schemes Validation As a Service

Policy Analysis

EU-CIP Reference Framework

KPIs Framework

EUCIP Services to Foster Innovation Uptake of EU-Funded Research Results

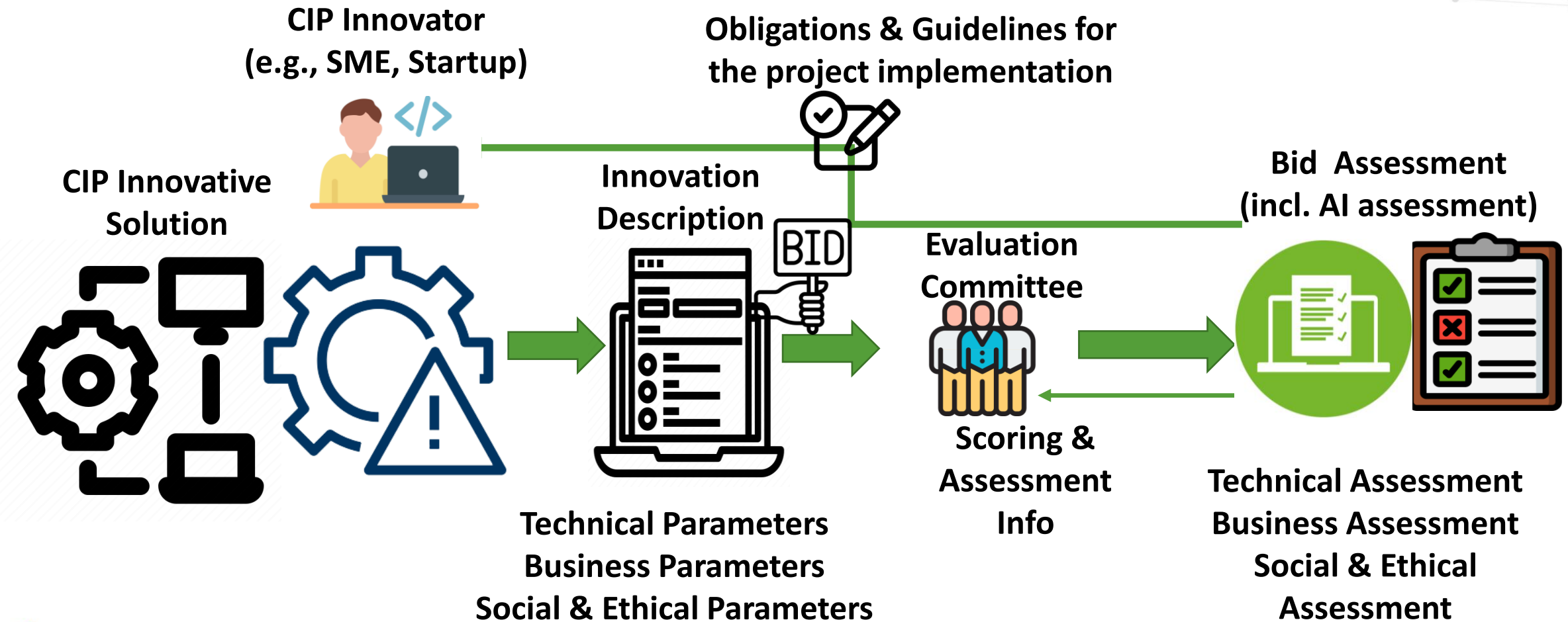1. EU-CIP Innovation Support Service

2. Training Services

3. Business Plan and Co-Creation Support

4. Virtualized Innovation Lab for Solution Validation – Type B Open Calls

5. Catalogue of Best Practices and Success Stories

| Problem Identification | Solution Co-Creation | Prototyping | Validation & Certification | Business Model Development | Market Launch & Commercialization |

1. The EU-CIP Innovation Support Service

CIP Innovator
(e.g., SME, Startup)

Obligations & Guidelines for
the project implementation

Bid Assessment
(incl. AI assessment)

CIP Innovative
Solution

Innovation
Description

Evaluation
Committee

Scoring &
Assessment
Info

Technical Parameters
Business Parameters
Social & Ethical Parameters

Technical Assessment
Business Assessment
Social & Ethical
Assessment

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2. EU-CIP Training Services

CLOSING THE PROCLAIMED CIP SKILLS GAPS

CIP Training Courses Catalogue

Access CIP Training Resources through a Single Entry Point

Skills Profiles & Learning Paths

Bundle Courses in Packages that support entire Skills Profiles

"Home Grown" EU-CIP Courses

CIP Courses on Trending Topics like AI and Cyber-Physical Threat Intelligence
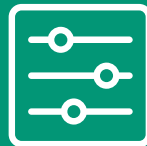
On-line Webinar

On-Line Webinars on Technological & Innovation Management Themes

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3. Business Plan and Co-Creation Support
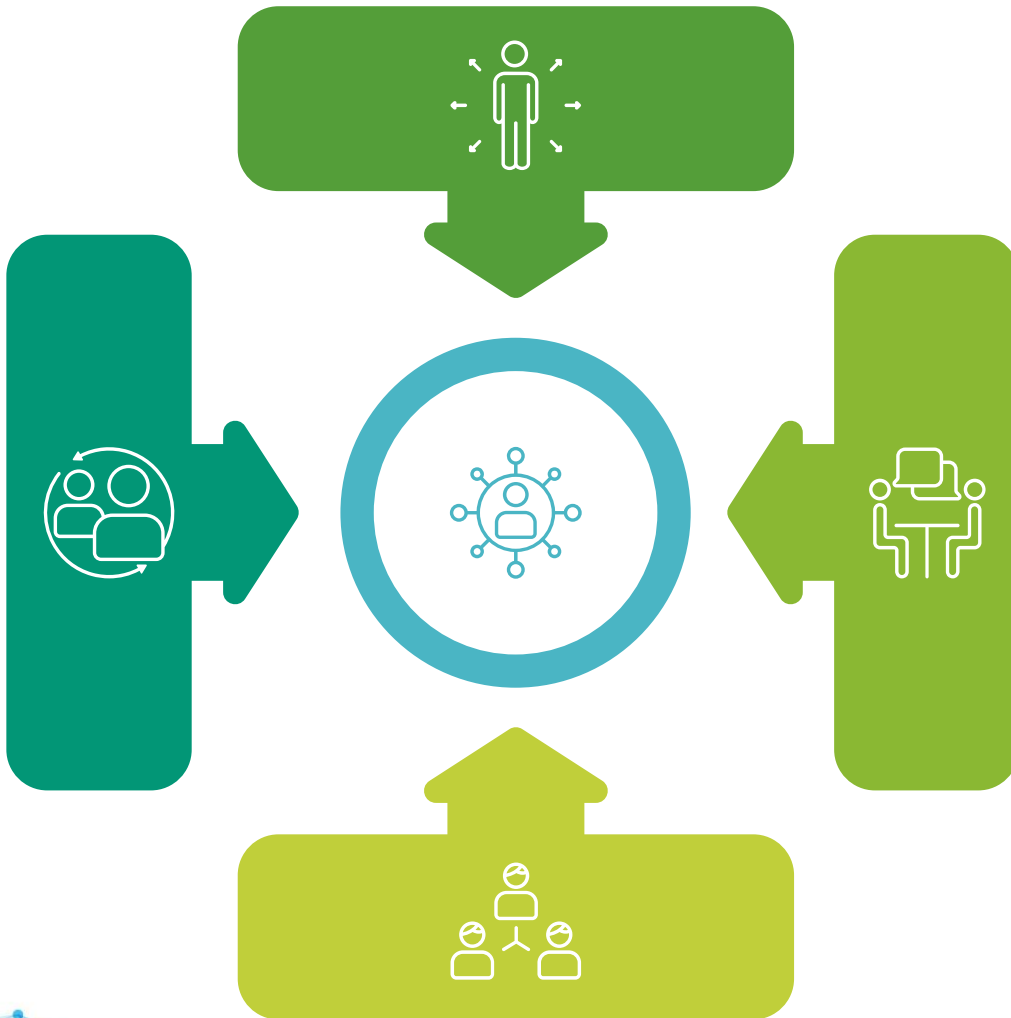
1. Access to Market Data (National & EU Scale)

2. Feedback from EU-CIP & ECSCI Communities

3. Co-Creation Methodologies and Workshops

4. Support in Business Model Development (e.g., Business Model Canvas, Value Proposition Canvas)

5. Marketing & Dissemination Support (EU-CIP Knowledge network and Community)

4. Virtualized EU-CIP Validation Testbed

Empowered & Validated through the EU-CIP Open Call Type B

Support innovators in exploiting, promoting, and commercializing their solutions or research outcomes

Provide support in validating, standardizing, and/or certifying solutions

Engage third-party stakeholders, notably partners of EU funded projects

CALLING ALL CIP INNOVATORS!

WIN UP TO €20,000

OPEN CALL TO ALL CIP SOLUTIONS LOOKING TO EXPLOIT AND/OR COMMERCIALIZE THEIR SOLUTION OR RESEARCH OUTCOMES:

01

Technology maturation, exploitation, deployment and/or commercialisation of innovative CIP solutions and technologies

with the aim of covering gaps and challenges identified in EU-CIP (also with the support of the experts from call #1). One of the objectives of this call is to fund projects that will exploit/commercialise high value and impactful solutions which are able to cover gaps and challenges identified in call #1.

02

**Validation, standardization and/or certification of innovative CIP solutions**

You will have the opportunity to engage with the services provided by CIP/CIR vendors on our testbed. Your expertise and feedback will play a crucial role in assessing the functionality, security, and performance of these solutions.

03

Collaboration Opportunities

We envision creating a collaborative ecosystem where CIP/CIR vendors and stakeholders can come together to exchange ideas, explore integration possibilities, and develop joint initiatives. By participating in the validation and testing process, you will have the chance to connect with other stakeholders and explore potential partnerships.

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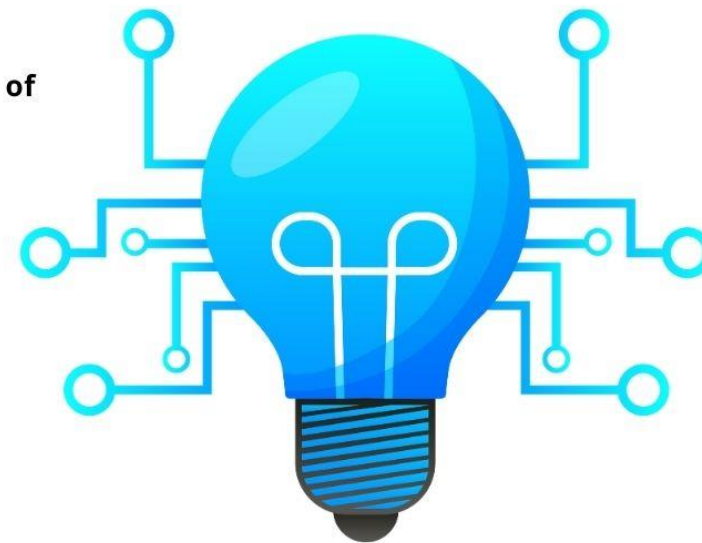
5. Catalogue of Best Practices and Success Stories

Access a Library of Success Stories and Best Practices – Learn from the Experience of Other Innovations
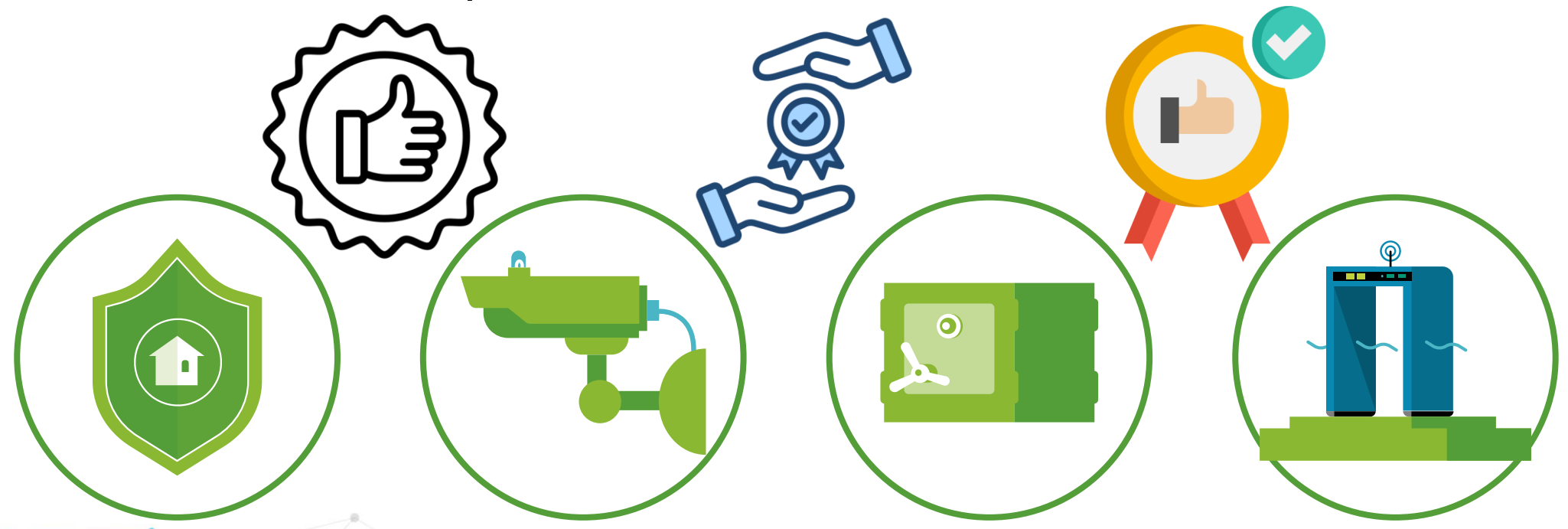
Success Story   **Success Story**   **Success Story**   **Success Story**

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Conclusions

EU-CIP is setting up a host of Innovation Support Services for European Innovators: EU-CIP-AMPLIFY

Services will be offered free of Charge for the duration of the project: Consider using them

Open Type B Winners will collaborate with EU-CIP partners to fine-tune the services: Stay Tuned and Apply for the Open Call