Rules for participation

Michel Brochard

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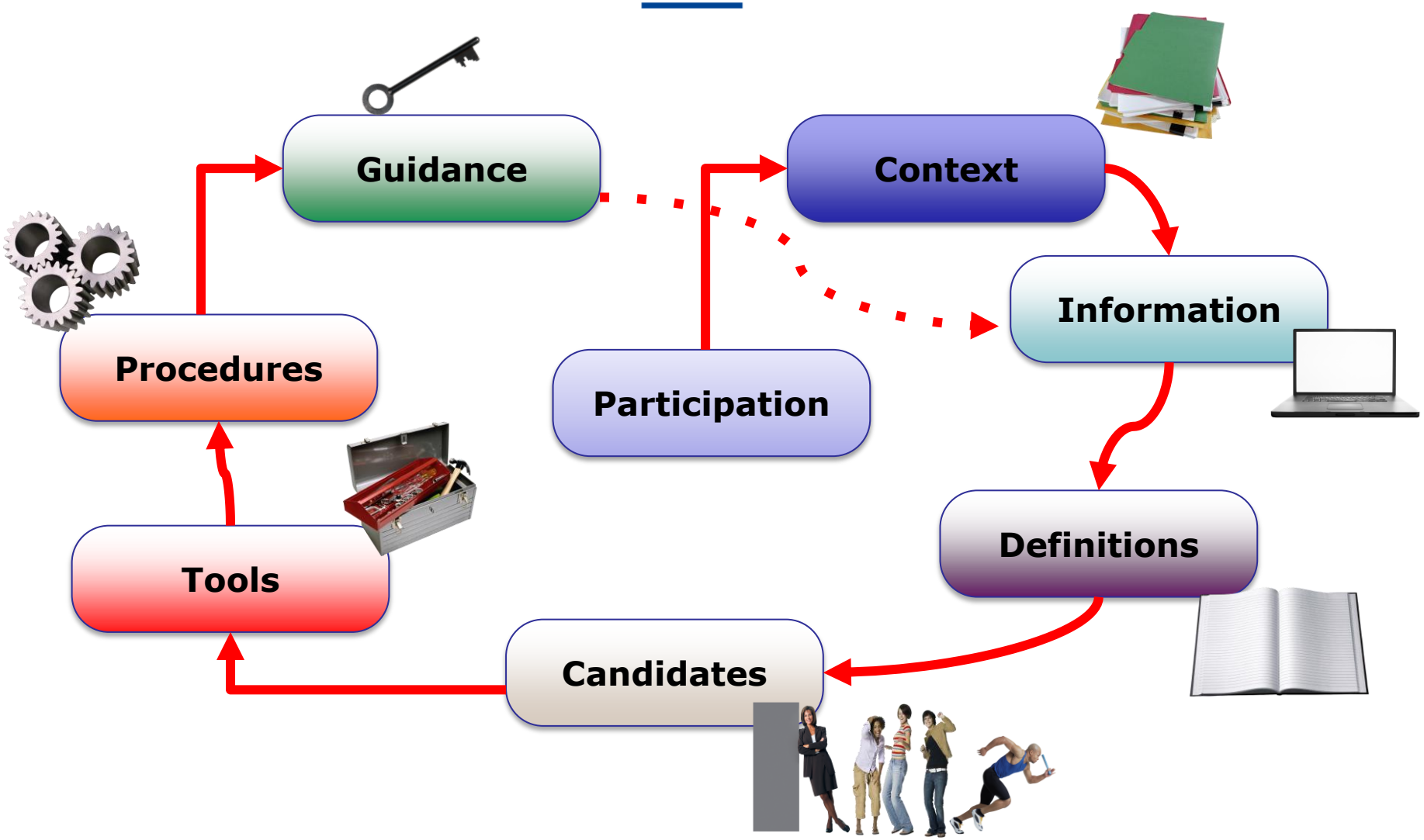
European Commission

Robotics in H2020
Rules for Participation



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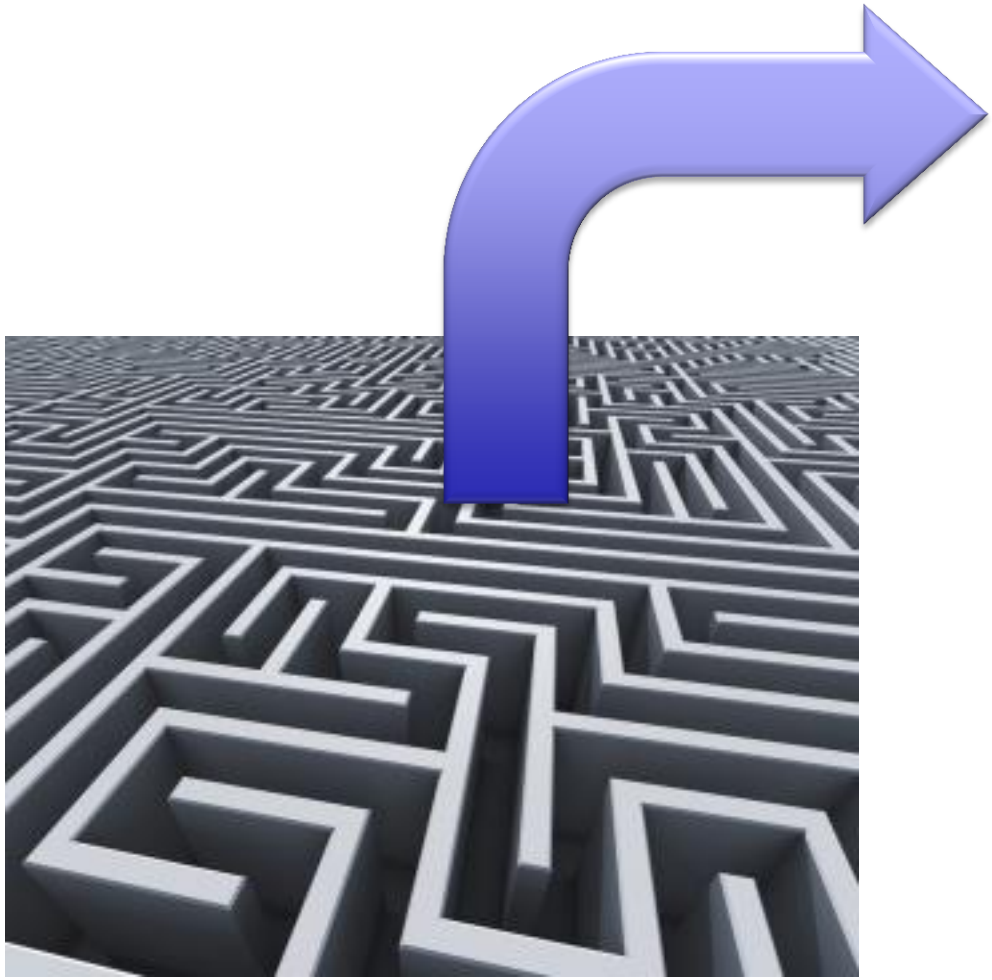

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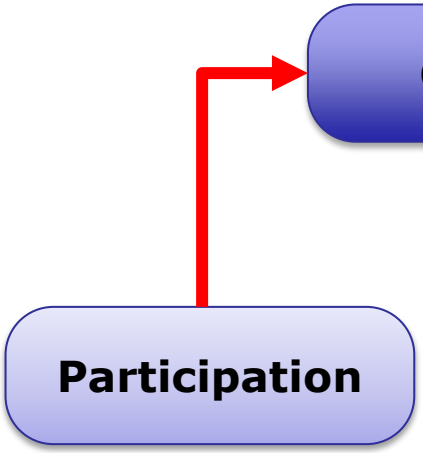

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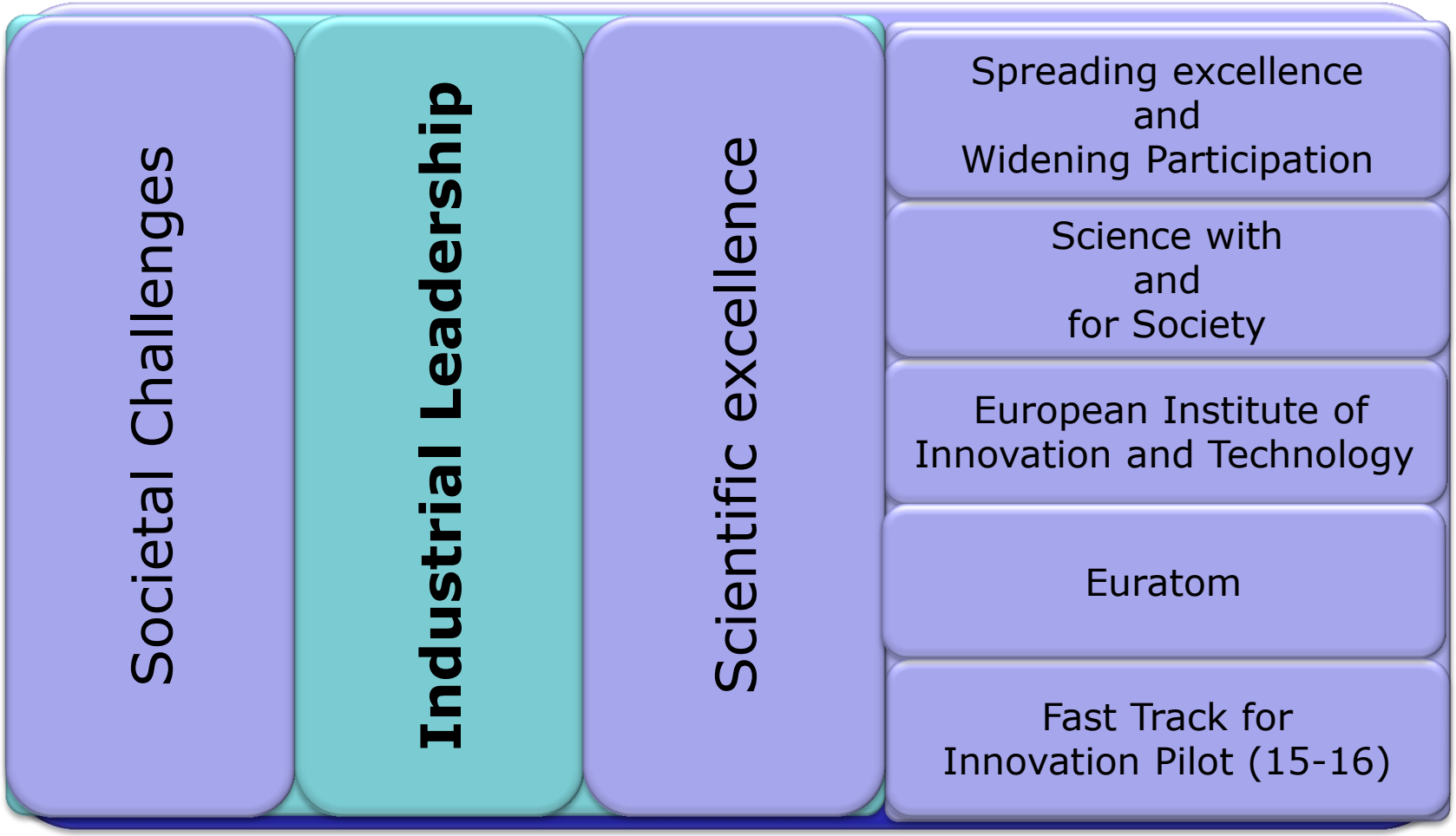
Context



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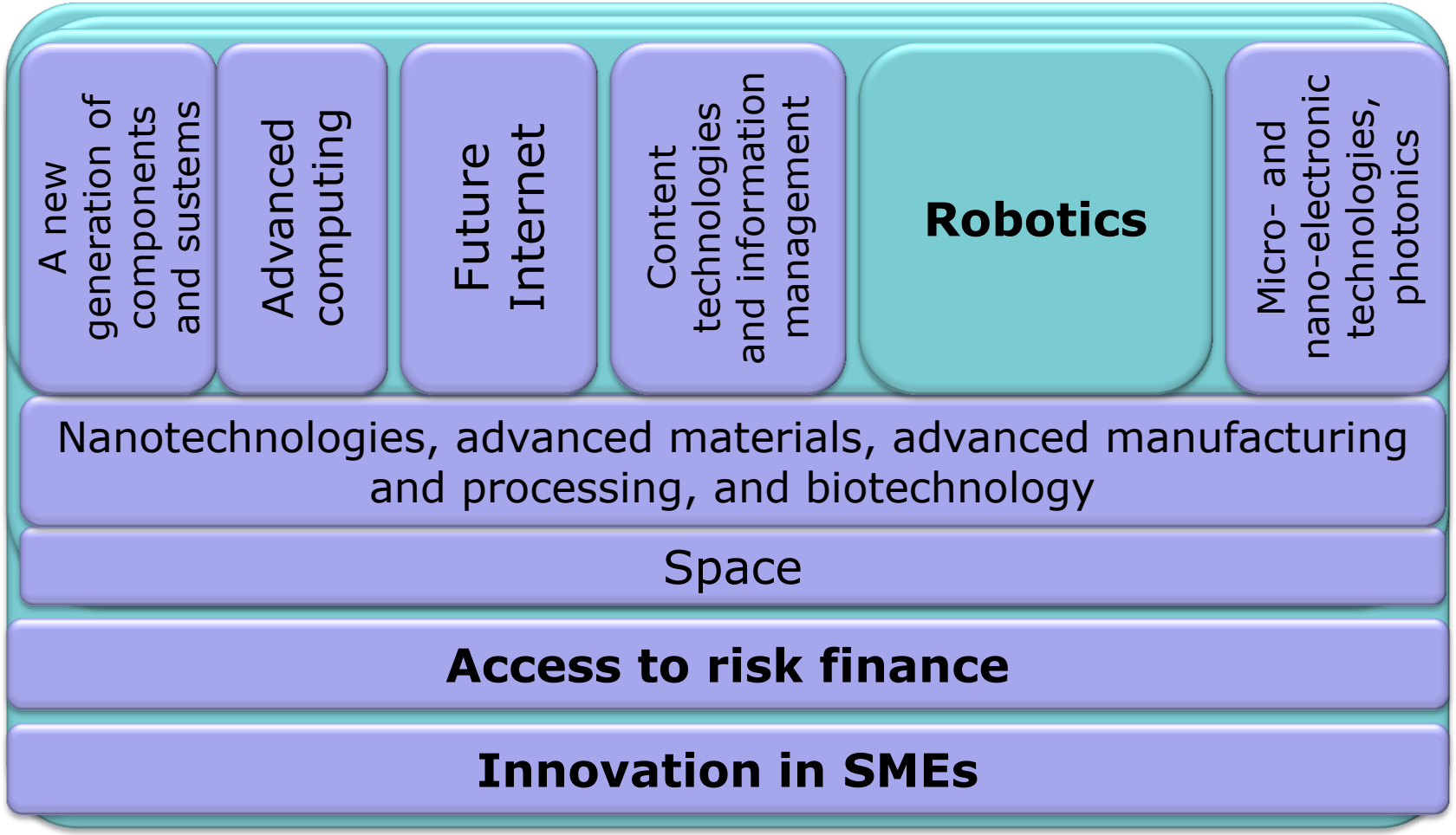
Context



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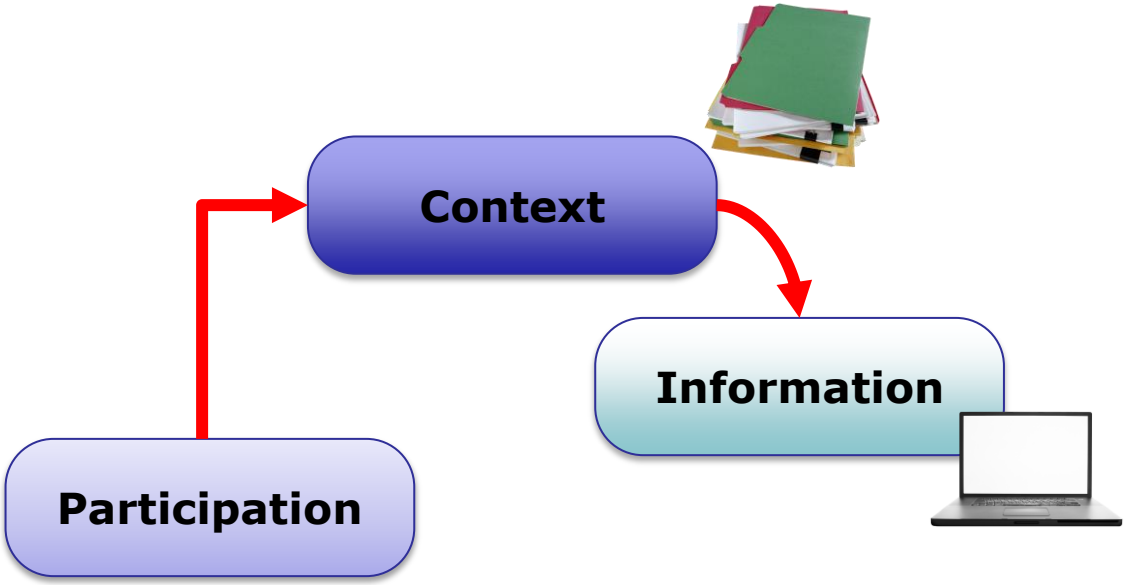

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Rules for Participation

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Information

- ✓ **Research & Innovation**
  - ✓ ec.europa.eu/research/index.cfm

- ✓ **Horizon 2020**
  - ✓ ec.europa.eu/programmes/horizon2020/en
  - ✓ ec.europa.eu/programmes/horizon2020/h2020-sections
  - ✓ …
- ✓ **Participant Portal**
  - ✓ ec.europa.eu/research/participants/portal/desktop/en/home.html
  - ✓ ec.europa.eu/research/participants/data/support/sep_usermanual.pdf
- ✓ **Robotics Q&A document**
  - ✓ ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/9087-ict-24-2015.html#tab2

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Information

- ✓ **French website**
  - ✓ www.horizon2020.gouv.fr/

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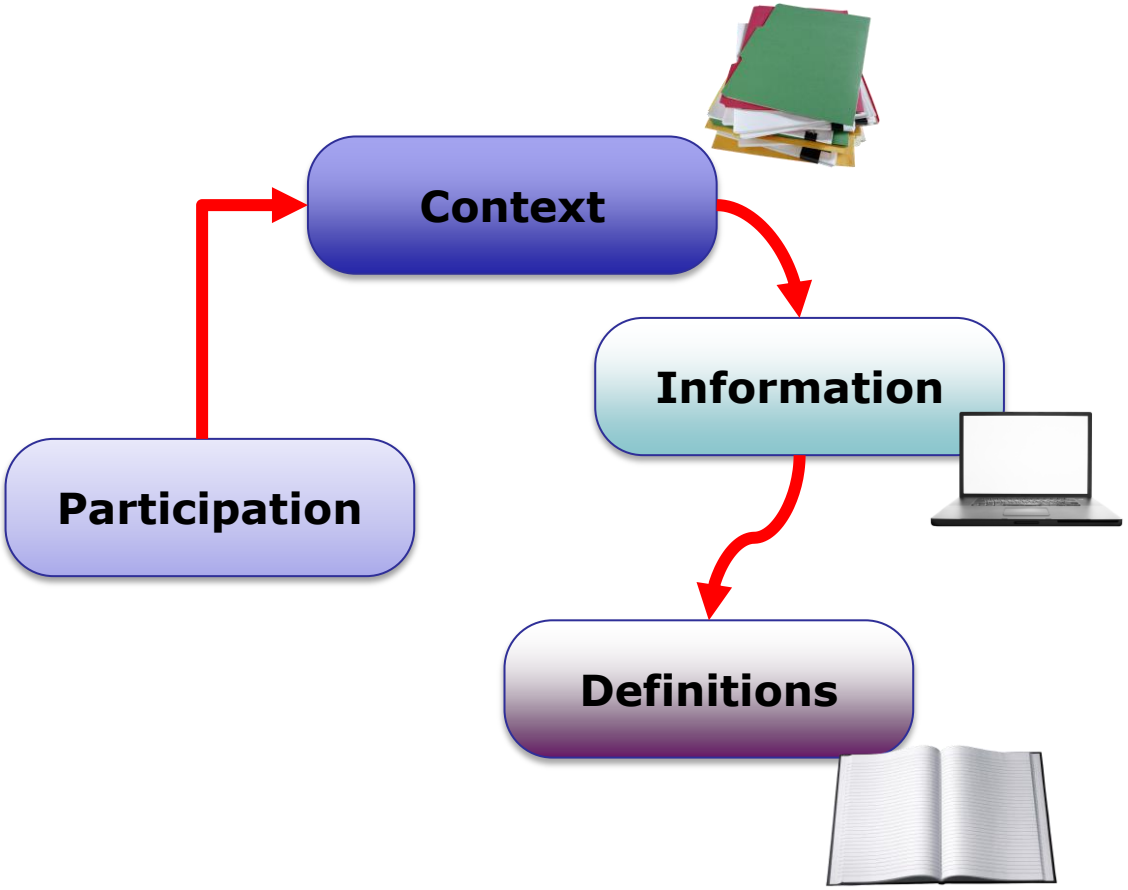

- ✓**Project = ”Action”**
  - ✓Different types
  - ✓Different sizes/contributions
    - ✓Small < 4-5 M€ < Large
- ✓**Partners = "Beneficiaries"**
- ✓**Contract = "Grant Agreement”**

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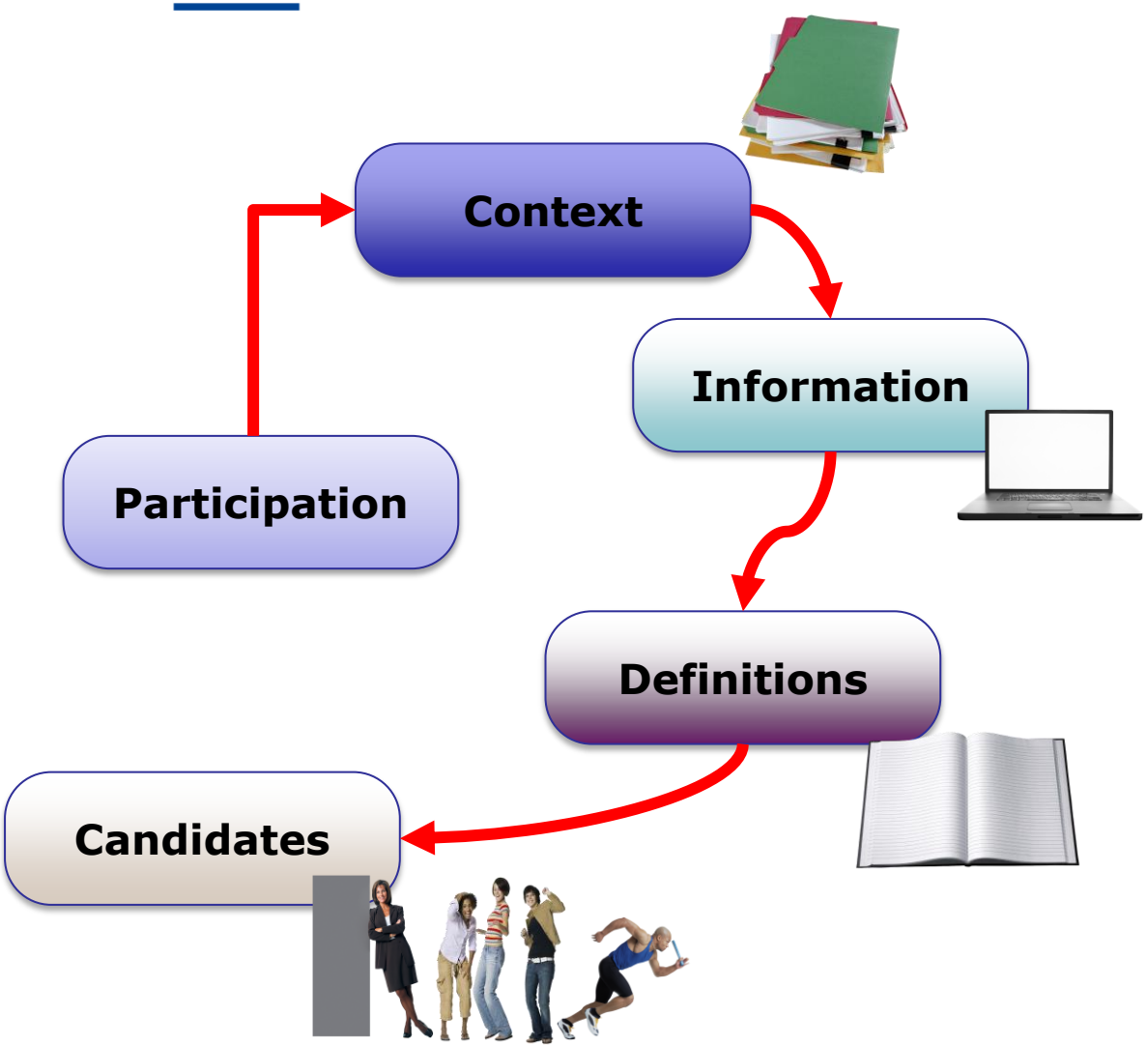

✓Who can be a Beneficiary ?

✓All legal entities

- ✓You (Public organisation)
- ✓&
- ✓You (Private company)
- ✓&
- ✓You (SME)
- ✓&
- ✓Charlie also …

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European Commission

Candidates

- ✓ **Countries Eligible for funding**
  - ✓ Member States
  - ✓ Countries Associated to H2020
    - ✓ - Iceland, Norway, Albania, Bosnia and Herzegovina, The former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova
    - ✓ - Note: Switzerland is not associated to LEIT (this part of H2020)
  - ✓ Developing countries

- ✓ **All the Others**
  - ✓ Participants cover their own costs.
  - ✓ **Exceptions**
    - ✓ Bilateral agreement
    - ✓ Participation is assessed as essential at the evaluation stage

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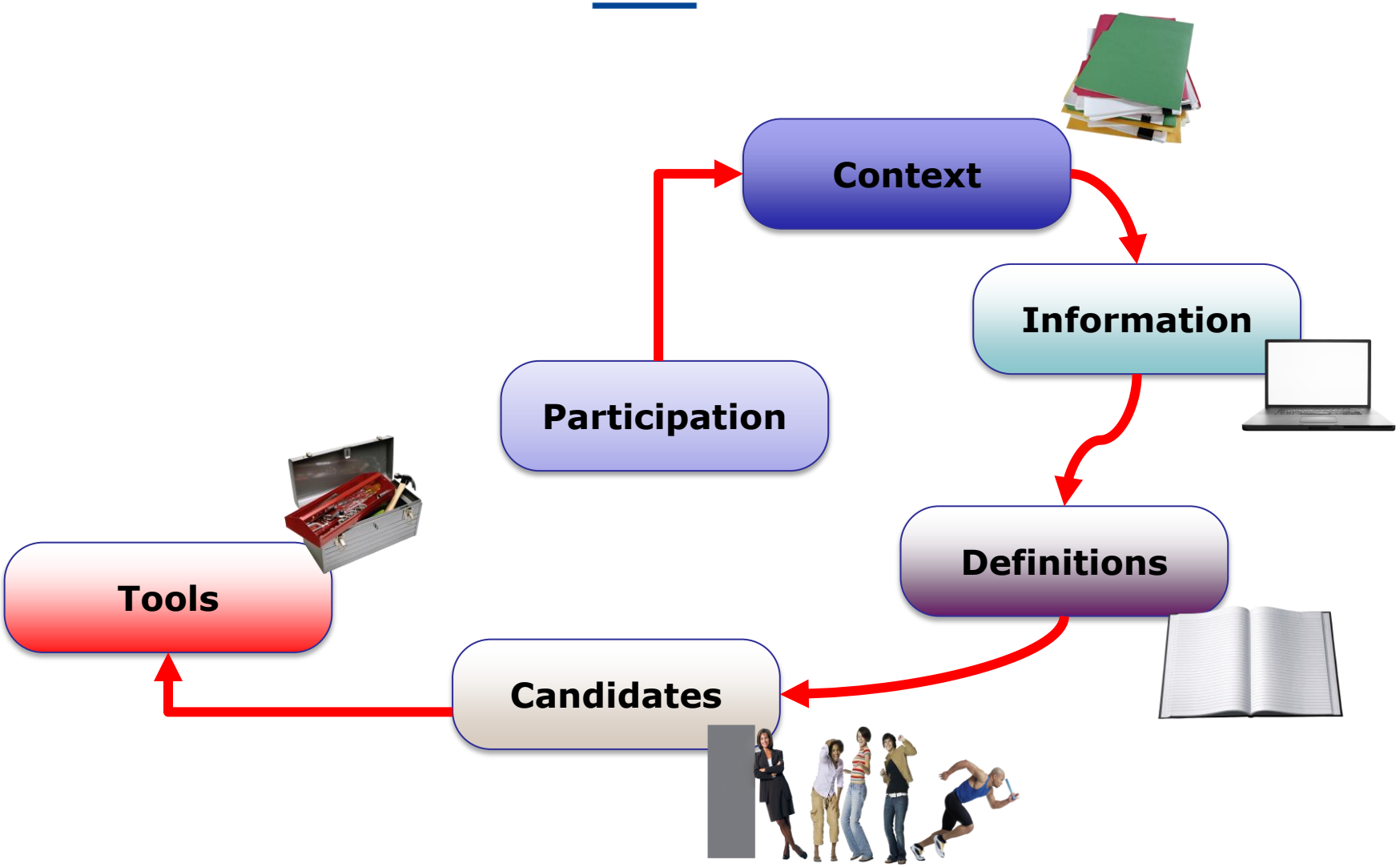

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Tools

✓ 4 Types of Action *in Robotics*

- ✓ Research and Innovation Actions (**RIA**)
- ✓ Innovation Actions (**IA**)
- ✓ Coordination and Support Actions (**CSA**)
- ✓ Pre-commercial Procurement (**PcP**) new

✓ Research and Innovation Actions (RIA)

- ✓ Activities aiming to establish **new knowledge** and/or to explore the **feasibility** of a **new or improved technology, product, process, service or solution**.
- ✓ For this purpose they may include **basic and applied research**, **technology development and integration**, **testing and validation** on a small-scale prototype in a laboratory or simulated environment.
- ✓ Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment.

✓ Research and Innovation Actions (RIA)

- ✓ **Market domains**: **Healthcare**, **consumer** and **transport**
- ✓ **Size of proposals:** **Large and Small**

✓ Innovation Actions (IA)

- ✓ Activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services.
- ✓ For this purpose they may include **prototyping**, **testing**, **demonstrating**, piloting, large-scale product validation and market replication.
- ✓ May include **limited research** and **development activities.**

✓ Innovation Actions (IA)

- ✓ **Domains:** Technology transfer
  - ✓ Industry-academia cross-fertilisation (b)
  - ✓ Robotics use cases (c)
- ✓ **Size of proposals:**
  - ✓ (b) Large
  - ✓ (c) Large and Small

✓ Coordination and Support Actions (CSA)

- ✓ Supporting the European robotics community
- ✓ Support International cooperation
- ✓ Coordinating work on the next generation of cognitive systems and robotics
- ✓ Coordination and support actions for organising robotic competitions
- ✓ **Domains:**
  - ✓ **Community building**
  - ✓ **Robotic Competitions**

Tools

✓ Pre-commercial Procurement (PcP)

- ✓ Enable prototype development and
- ✓ Stimulate deployment of industrial and service robotics.

- ✓ Demand-driven innovation actions will be pursued in areas of public interest, including pre-commercial procurement of innovative robotics solutions for the **healthcare sector**.

- ✓ **Size: Large**

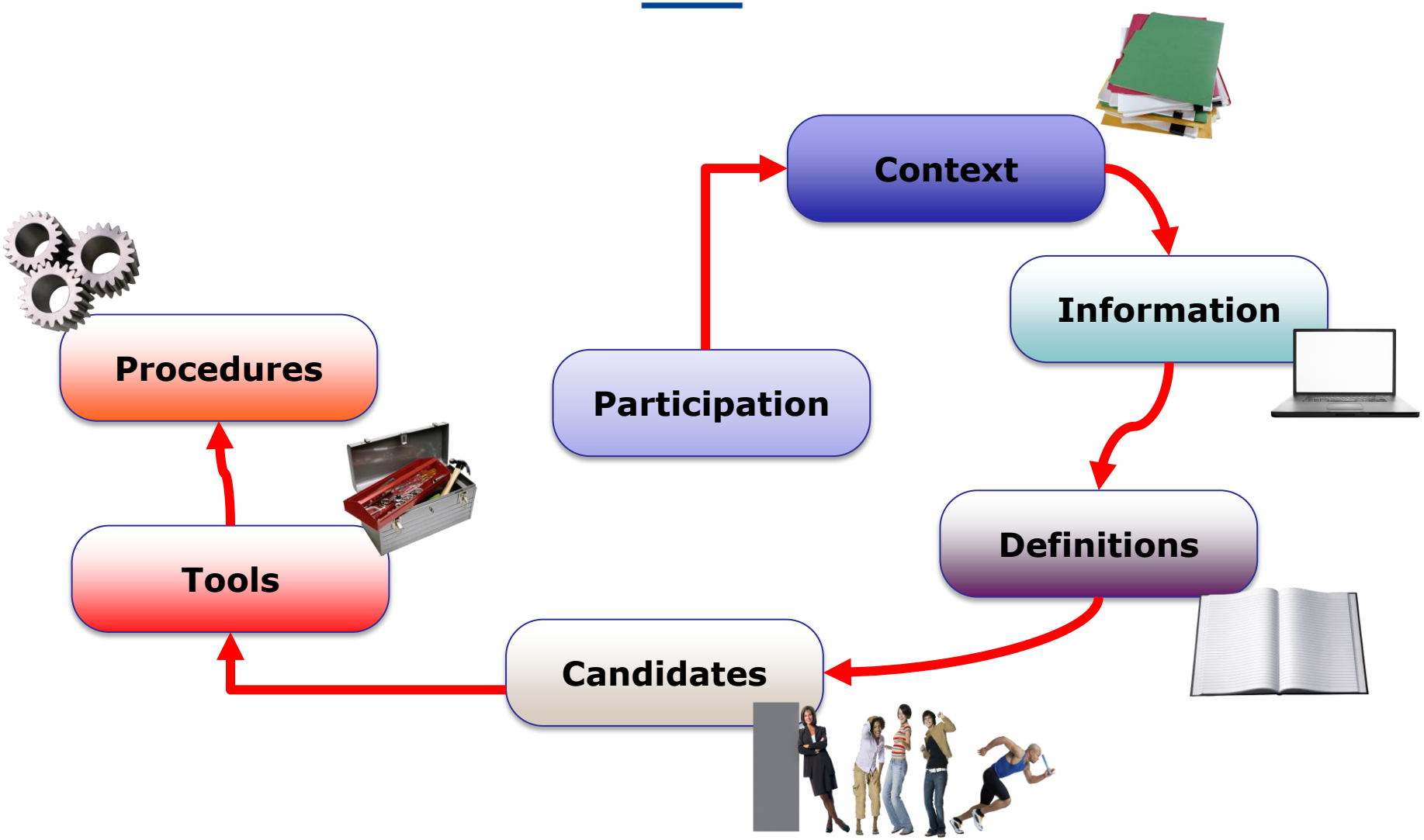
- ✓ cordis.europa.eu/fp7/ict/pcp/docs/pcp-ppi-instruments-h2020.pdf

Rules for Participation

Tools

Type	Funding rates	Composition
RIA	✓ Up to 100%	✓ At least 3 independent legal entities ✓ From 3 different MS / AC
IA	✓ Up to 70% ✓ Up to 100% (non-profit entities)	✓ At least 3 independent legal entities ✓ From 3 different MS / AC
CSA	✓ Up to 100%	✓ At least 1 legal entity ✓ From 1 MS / AC
PcP	✓ Up to 70%	✓ At least 3 independent legal entities ✓ From 3 different MS / AC ✓ At least 2 independent public procedure from 2 different MS/AC
Indirect costs: 25% of eligible direct costs less subcontracting		

Robotics in H2020
Rules for Participation



- ✓ **Preparation & Drafting + Registration**
- ✓ **Submission**
- ✓ **Evaluations**
- ✓ **Grant agreement Preparation (Contracting)**

✓ Preparation & Drafting

- ✓ Proposal **template** and **advices** on the Participant Portal
  - ✓ ec.europa.eu/research/participants/data/support/sep_usermanual.pdf
- ✓ **2 main parts**: Administrative Forms (A) & Technical Annex (B)
- ✓ Demonstrate your **operational capability**
  = competence and availability of resources
- ✓ **Ethical** issues
- ✓ **Impact** section
- ✓ **Page Limit** for the technical annex (part B)
  - ✓ 70 pages , 50 pages for CSA
  - ✓ except partners description!

✓ *Preparation & Drafting* + Registration!

- ✓ **Registration** of **all** the Beneficiaries is **mandatory**
- ✓ Through the **Participant Portal**
- ✓ Unique Participant Identification Code **(PIC)**
- ✓ Etc **…**

✓ Submission

- ✓ Fully electronic, through the **Participant Portal**
- ✓ **BEFORE DEADLINE:**

  14-04-2015 17:00:00 (Brussels local time)

- ✓ **And do not wait the last moment !!!**
- ✓ **Draft versions**
  - ✓ The **latest** overwrites (all) the previous one
- ✓ **Complete, accessible, readable, printable**
- ✓ **Page Limit …**

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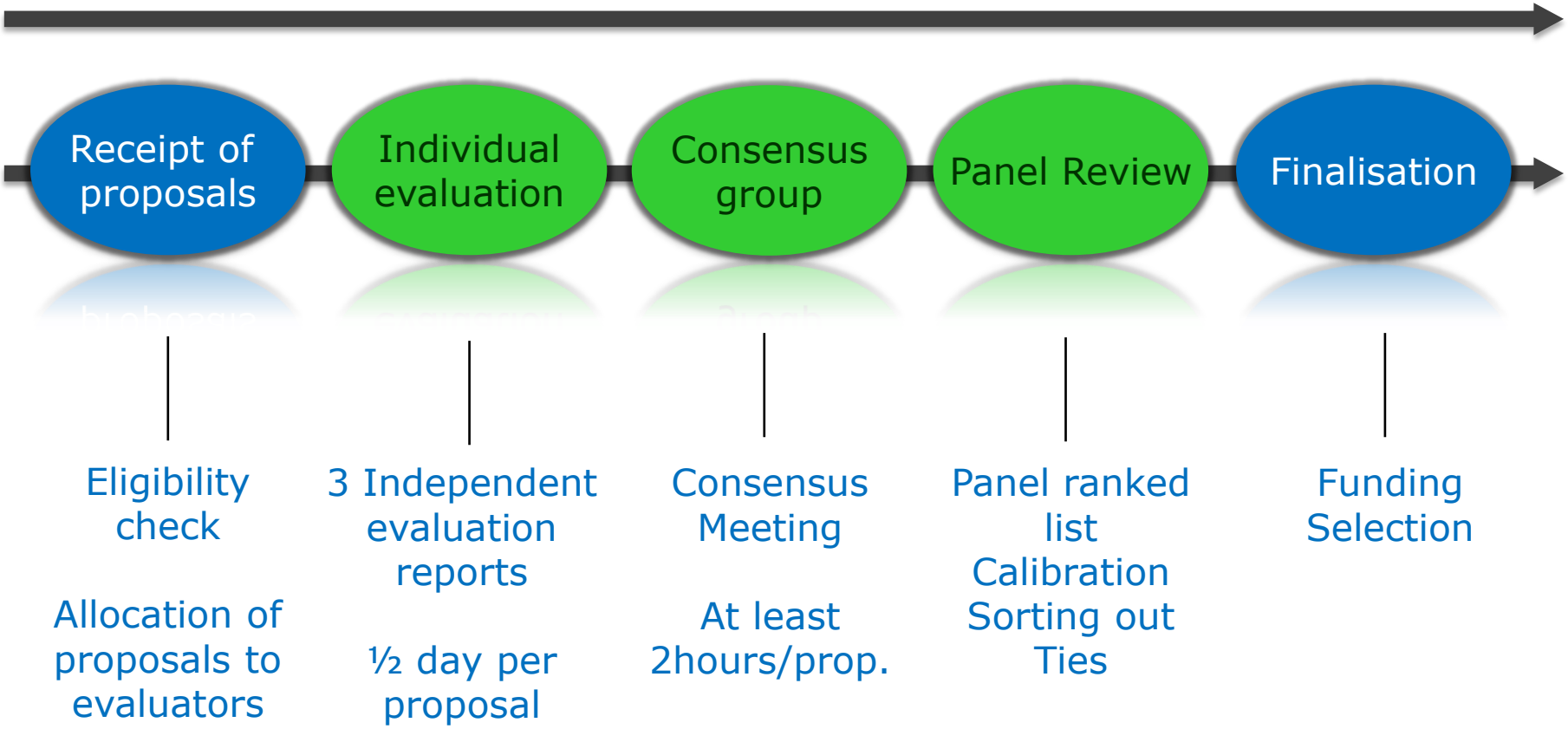
✓ Evaluation process



- ✓ **Evaluation**
  - ✓ **Eligibility** check
  - ✓ **Operational** capacity & **Ethical** aspects
  - ✓ 3 Evaluation **criteria**
    - ✓ **Excellence**, **Impact**, **Implementation**
    - ✓ Innovation aspect more strongly incorporated
    - ✓ 0-5 points for each criteria
    - ✓ Thresholds
      - ✓ 3 points for individual criteria
      - ✓ 10 points for the overall score
    - ✓ For **IA**, weighting of **Impact** is **1.5**

PART B
vs Evaluation Criterion (RIA/IA)

PROPOSAL

EVALUATION

1. Excellence (! Relevant to the call)

- 1.1 Objectives
- 1.2 Relation to the work programme
- 1.3 Concept and approach
- 1.4 Ambition

Excellence

Clarity and pertinence of the objectives

Soundness of the concept, including trans-disciplinary considerations, where relevant

Credibility of the proposed approach

Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches)

PART B
vs Evaluation Criterion (RIA/IA)

PROPOSAL

EVALUATION

2. Impact

- **2.1 Expected impacts (incl. list in the workprogramme)**
- **2.2 Measures to maximise impact**
  - a) Dissemination and exploitation of results
  - b) Communication activities

Impact

- The expected impacts listed in the work programme under the relevant topic *(! Not all have to be addressed by each proposal)*
- Enhancing innovation capacity and integration of new knowledge
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets; and, where relevant, by delivering such innovations to the markets
- Any other environmental and socially important impacts
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant

PART B
vs Evaluation Criterion (RIA/IA)

PROPOSAL

EVALUATION

3. Implementation

- 3.1 Work plan — Work packages, deliverables and milestones
- 3.2 Management structure and procedures
- 3.3 Consortium as a whole
- 3.4 Resources to be committed

Implementation

- Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

- Appropriateness of the management structures and procedures, including risk and innovation management

- Complementarity of the participants within the consortium (when relevant)

✓ Grant agreement preparation (Contracting)

- ✓ Invitation to prepare Grant Agreement
- ✓ Short process
- ✓ Coordinator and beneficiaries must be reactive
- ✓ Fix only a few details
- ✓ Grant Agreement signature
- ✓ Project start

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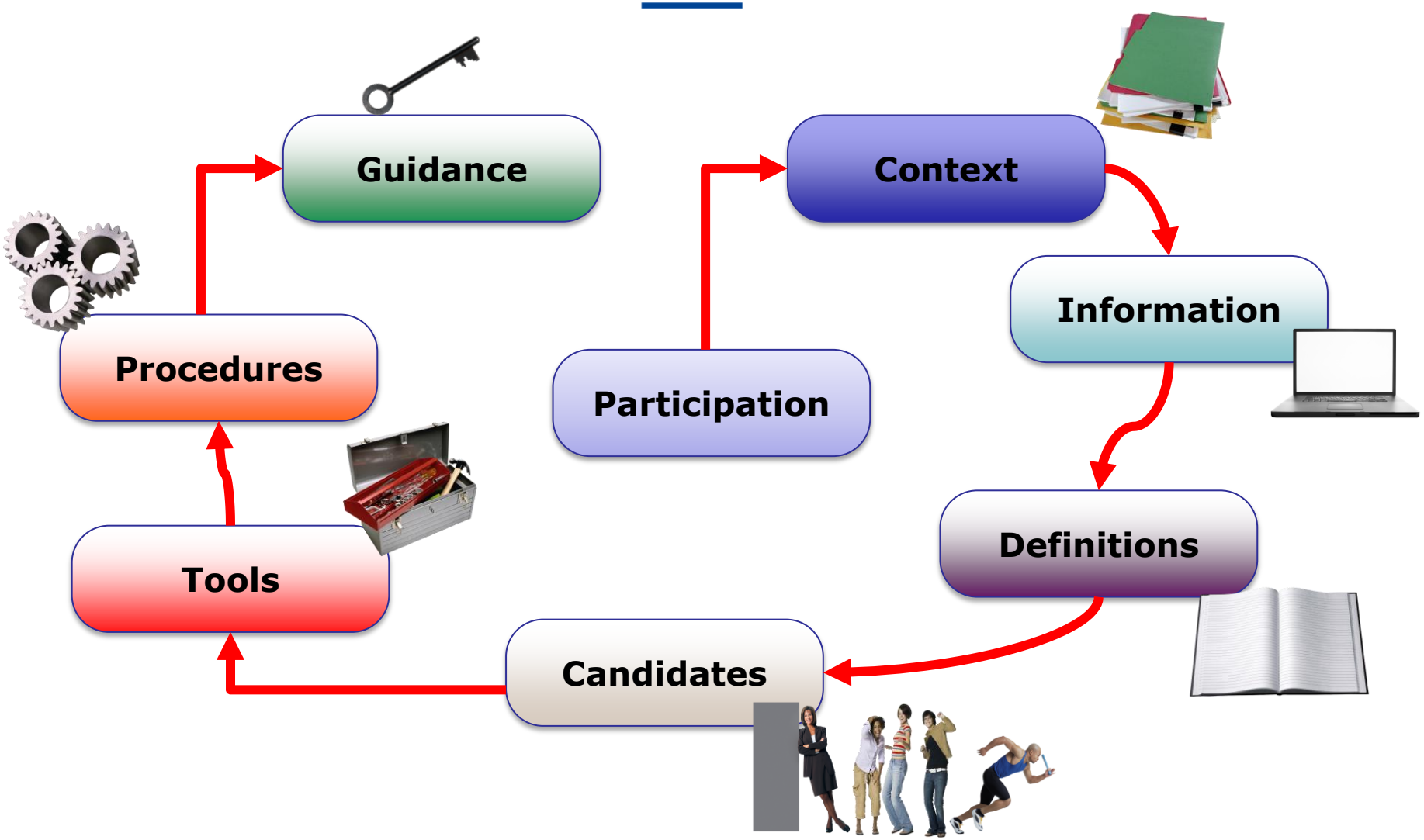

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Guidance

- ✓ **Content**
- ✓ **Impact**
- ✓ **Clarifications**
- ✓ **Some hints**

✓ Content

- ✓ Remains **Crucial**
- ✓ **Proposal = final project work plan**
- ✓ **Work plan:** mature, specific, complete and credible
- ✓ **Objectives**: well-defined**,** challenging *yet* realistic
  - ✓ How they will be reached

✓ Impact

- ✓ Of Increased **importance**
- ✓ Of the **whole package**
  - ✓ Objectives – Approach - Work plan
  - ✓ Consortium
  - ✓ Dissemination activities
  - ✓ Exploitation plan
  - ✓ Realistic vs timeframe
  - ✓ Value for money
  - ✓ Relevant to **this call**

✓ Clarifications

- ✓ **Industry**
  - ✓ **Greater role,** but **appropriate** in the project
- ✓ **End-Users**
  - ✓ Involvement is **welcome**, especially in **IA** (Use Cases, e.g.)
  - ✓ A must in **PcP**
- ✓ **European coverage**
  - ✓ **Justified involvement** in the project
- ✓ **SMEs**
  - ✓ **Same treatment** as any other partner
- ✓ **Previous participation(s)**
  - ✓ **Same treatment** as any other project
- ✓ **Management by professional consultancy**
  - ✓ Must deliver clear **added-value, & cost efficient** solution

✓ Some hints

- ✓ Careful reading of the Call text
- ✓ H2020 is not FP7 (FP6, FP5, ...)
- ✓ Importance of Innovation, Impact

- ✓ Apply good writing strategy

- ✓ Answer the Project needs

- ✓ Avoid major errors

- ✓ Be the top of the cream !!!

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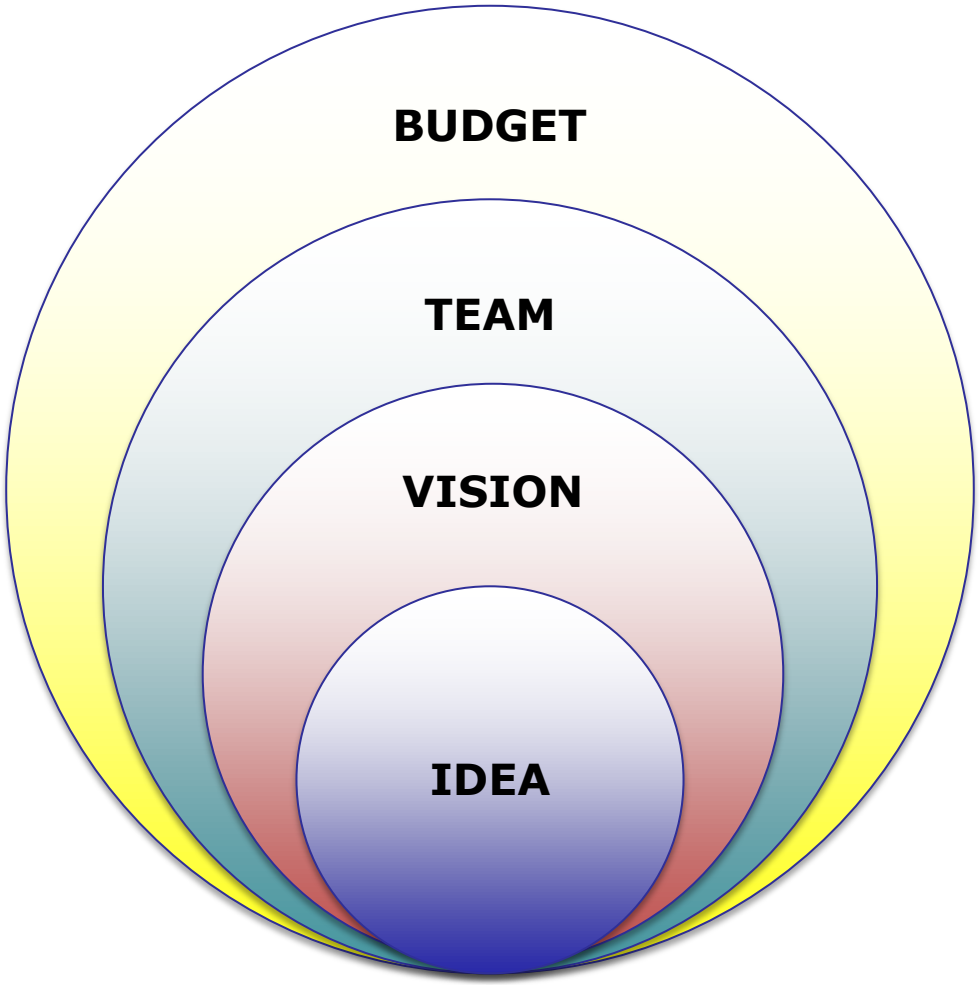
Guidance



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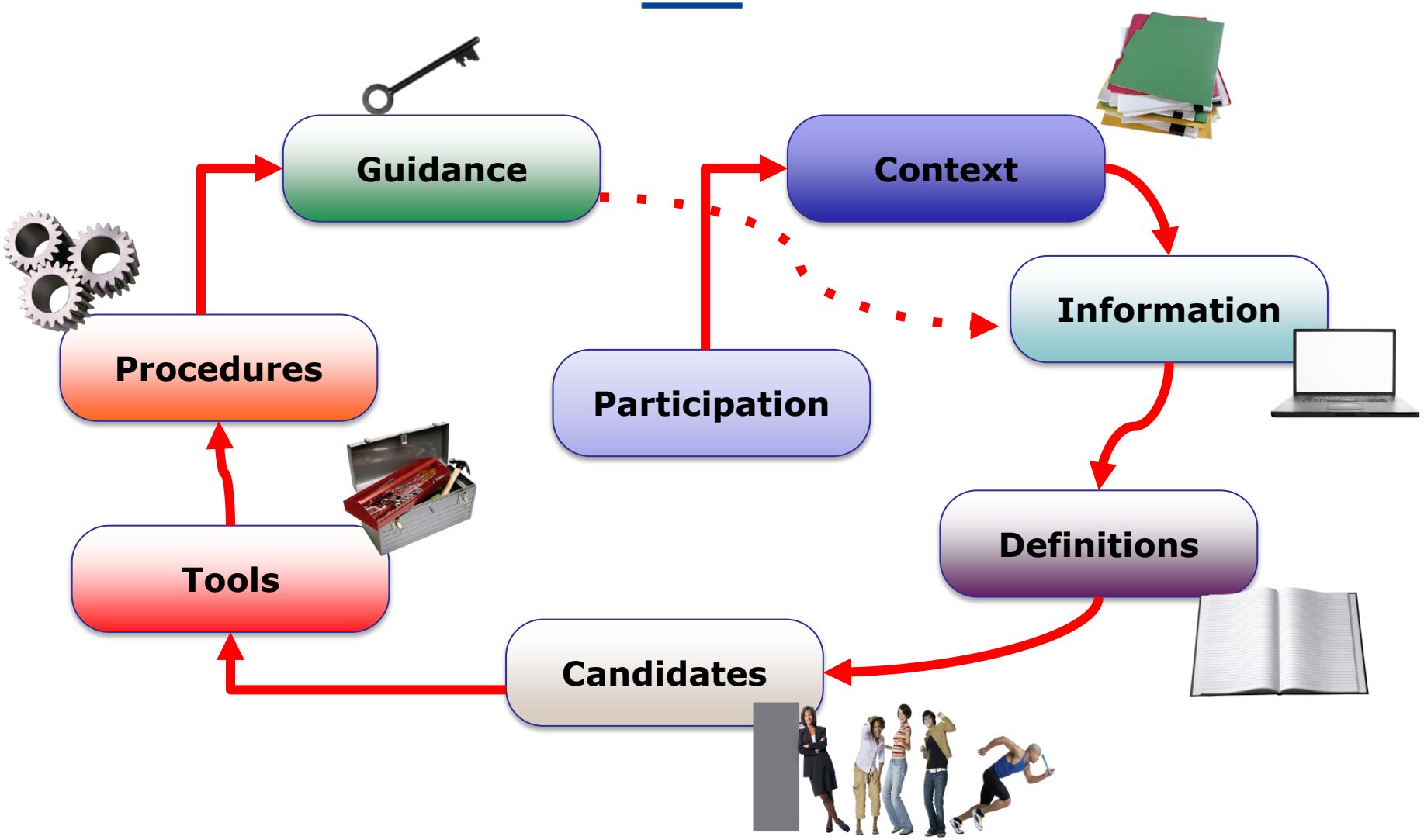

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  - ✓ ec.europa.eu/programmes/horizon2020/h2020-sections
  - ✓ …
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Thank you for your attention !