



# Net Zero Industry Act

## Chapter V

### Enhancing skills for quality job creation

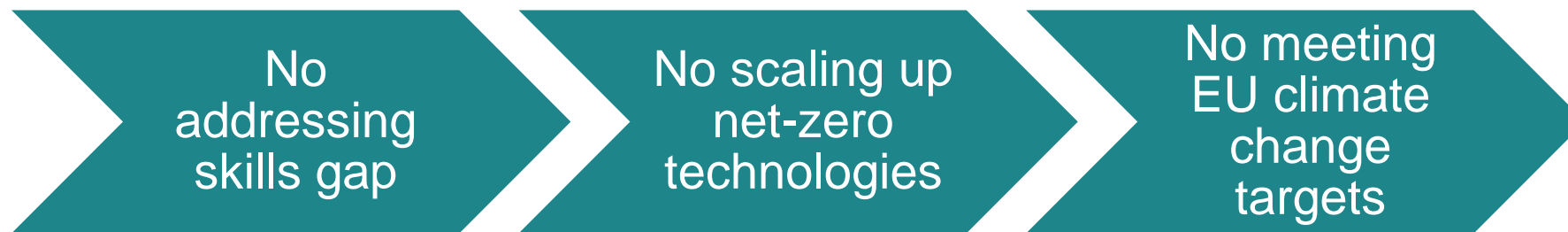
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# Rationale & Context

- Transition to climate neutrality: necessity and opportunity to develop net-zero technology sectors
- NZIA: establish framework conditions for innovating and scaling up manufacturing capacities of net-zero technologies in the EU
- Scaling up net-zero technologies requires large number of skilled workers: need for reskilling and upskilling: analyses show significant skilled labour demand and gaps
- The Commission will also consider how to combine a 'Skills-first' approach, recognising actual skills, with existing approaches based on qualifications, and how to facilitate access of third country nationals to EU labour markets



# Strong skills needs for green transition

- Large skills shortages in net-zero industries:
  - 180 000 skilled workers needed in fuel cell hydrogen manufacturing
  - 66 000 skilled workers needed in photovoltaic solar manufacturing
  - 800 000 skilled workers needed in battery production
- Need to bring together stakeholders & build upon and complement existing structures (e.g. 2023 European Year of Skills, EU Pact for Skills, ESF+, Cedefop, Sectoral BluePrints)

# The Net-Zero Industry Act (NZIA) Proposal

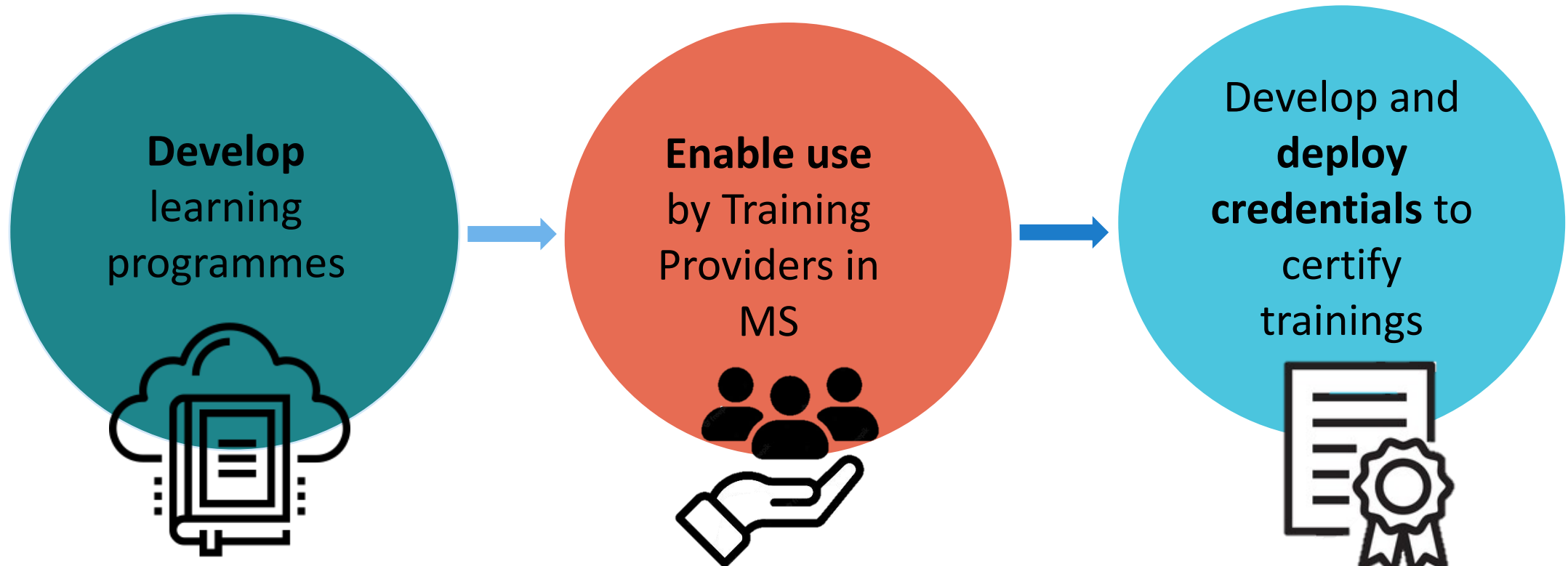
- The proposal establishes a framework of measures for **strengthening Europe's net-zero technology products manufacturing ecosystem** according to the following structure:
  - Chapter I – Subject matter, scope and definitions
  - Chapter II – Enabling conditions for net-zero technology manufacturing
  - Chapter III – CO2 injection capacity
  - Chapter IV – Access to markets
  - **Chapter V – Enhancing skills for quality job creation**
  - Chapter VI – Innovation
  - Chapter VII – Governance
  - Chapter IX – Final Provisions
  - Chapter VIII – Monitoring

# Article 23 - Net-Zero Industry Academies: Concept & Functionalities

- Academies = projects/concepts, no one brick and mortar education & training institution
- Three main functionalities:
  - Academies design learning content centrally with input from industry, education & training providers and Member States
  - Academies offer learning content to interested education & training providers and customers in Member States to support their provision of education & training where desired (offer, no obligation to use the content)
  - Academies develop and deploy learning credentials to facilitate transparency of skills, transferability between jobs and mobility of learners
- Example: European Batteries Academy (operating)

# Net-Zero Industry Academies: Concept & Functionalities

**Solar** + **Hydrogen** + **Raw Materials** (+ Battery)



→ Aim: **100,000 learners per Academy** within 3 years from establishment

# Article 24 - Regulated Professions & Recognition of Professional Qualifications

- Objective: foster the recognition of professional qualifications and mobility of skilled workers
- Learning programmes developed by academies and offered by education & training providers in Member States will concern skills needed for both, regulated and non-regulated professions/activities
- Proposal does not impact Member States' competence to regulate professions in line with EU law
- Where a Member State concludes that an Academy learning programme is equivalent to a qualification required to access a regulated professional activity, the related learning credential is sufficient evidence of formal qualification for granting access to the professional activity in question

# Article 25 - The Net-Zero Industry Platform and Skills: Set up

- Composed of Member States and the Commission
- Chaired by a representative of the Commission
- Each Member State appoints a high-level representative
- Platform can invite representatives of the European Parliament to attend, as observers, its meetings, as well as experts and other third parties to provide contributions to meetings
- Platform may establish standing or temporary sub-groups dealing with specific questions and tasks: Skills sub-group?



# The Net-Zero Industry Platform and Skills: Tasks

- Assist Commission in assessing, monitoring and forecasting skills needs:
  - Platform = forum to exchange and cooperate
  - Member States expected to share existing data and knowledge
- Monitor Academies, foster synergies with education & training providers in Member States and provide oversight:
  - Cooperate to ensure that Academies actions reflect education and vocational training policies of Member States and skills needs
  - Ensure links between Academies and education & training providers in the Member States

# The Net-Zero Industry Platform and Skills: Tasks

- Assist the mobilization of stakeholders for the roll-out of learning programmes developed by the Academies:
  - Impact of Academies depends on education & training providers in Member States making use of learning content offered by Academies
  - Member States can provide political support and raise awareness
- Assist the uptake and recognition of learning credentials to promote recognition, matching of skills and mobility:
  - Promote the validity and acceptance of learning credentials that confirm a skill
  - No new structures but via existing tools (European Qualification Framework, etc.)
- Facilitate development of European occupation profiles
- Promote adequate working conditions and labour market activation
- Facilitate cooperation and exchange of best practices

# Thank you!



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