EMPOWERING PEOPLE
SKILLS & INCLUSIVITY FOR JUST TRANSITIONS

AN INITIATIVE OF THE CLEAN ENERGY MINISTERIAL

Key Resources from Solutions Summits:

Integrated Policymaking and Empowering Communications for the Clean Energy and Green Economy and Workforce

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Green Skills Workforce Development

1. LinkedIn Resources
    a. LinkedIn has compiled reports and resources that can help you develop regulations, programs, and policies to foster green skill development and create worker transition pathways.
    b. LinkedIn has compiled a Global Green Skills Report 2024 that reveals that global workforce development is not on track to realize all the sustainability targets, commitments, and mandates the world has made to tackle the climate crisis. Read the report to review key findings and insights.

Clean Energy and Green Economy Workforce Development

1. IEA - International Energy Agency

    IEA's Skills Development and Inclusivity for Clean Energy Transitions

    New addition People Centered Clean Energy Transitions

2. ILO - International Labor Organisation
    a. Guidelines for a Just Transition Towards Environmentally Sustainable Economies and Societies for All: provides a policy framework and specific recommendations to ensure that energy transition policies are socially inclusive and support decent work.
    b. User's Manual for the ILO Guidelines (c. 2021)
    c. Skills for a greener future (global knowledge products and tools) from ILO staff:
        i. ILO Global Report - Skills for a greener future: a global view
        ii. Skills for a Greener Future: Key Findings
        iii. Skills for a Greener Future: Infographic
        iv. Policy Brief: Challenges and enabling factors to achieve a just transition
        v. Anticipating skill needs for green jobs: A practical guide
        vi. Anticipating skill needs for the low carbon economy? Difficult, but not impossible
    d. Assessment tool:
        i. Greening TVET tool. Parts also useful for universities - The tool provides **"how-to" guidance** on designing **competency standards and curricula** for greener jobs, adapting **training delivery and assessments** to support

greener learning, adapting practices to maintain a **greener campus, capacitating teachers and trainers**, and **sensitizing enterprises**.

e. General resources on skills and inclusive training plus lifelong learning programs/resources

3. European Commission

a. European Commission, Directorate-General for Employment, Social Affairs and Inclusion, Vocational education and training and the green transition – A compendium of inspiring practices, Publications Office of the European Union, 2023
b. New Taxonomy of Skills for the Green Transition: The European Commission has published a taxonomy (classification system) of skills for the green transition in European Skills, Competences, Qualifications and Occupations (ESCO). It includes 381 skills, 185 knowledge concepts and 5 transversal skills considered most relevant for a greener labour market. All the skills and knowledge concepts are freely available in different formats and in 27 languages. More information about this work can be found on the ESCO website, including a report listing all the green concepts.
c. Green Deal Industrial Plan The third pillar of the plan (see section 2.3 on page 14) focuses on skills via a 'Pact for Skills' seeking to create large-scale European public-private multi-stakeholder partnerships, where major players in industrial ecosystems and value or supply chains (including associations and relevant public authorities) commit to cooperate and invest to provide up-/re-skilling opportunities for employees in the whole industrial ecosystem, including SMEs. "EU Commission will propose to establish Net-Zero Industry Academies to roll out up-skilling and reskilling programmes in strategic industries. It 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 in priority sectors, as well as measures to foster and align public and private funding for skills development"

4. IRENA - International Renewable Energy Agency

a. Free upcoming curricula and more from IRENA's new Energy Transition Education Network - apply here to join
b. Entrepreneurship Support Facility
c. Launching a new youth accelerator programme in the coming months. Email for more information: selsayed@irena.org
d. A Just Inclusive Transition Requires Workforce Readiness and Diversity
e. Renewable Energy and Jobs Annual Reviews
f. Distributed renewable energy atlas/planning platform

5. Global wind industry standards for workforce education

6. SolarPower Europe's International SolarWorks Platform

   Matches companies hiring with potential employees, also describes skills and educational opportunities

7. UNEP Guidance Document on Education for Green Jobs

8. Country Sharing Policies/Programs Form
   a. Empowering People Initiative Co-lead Countries' Select Aggregated Examples - See column A for areas of focus.
   b. India's Skill Council for Green Jobs

9. Toolkits on: inclusive recruitment, coalitions for energy policies, community resilience and workforce preparation.
   a. ADVANCING EQUITY: Strategies to Recruit More Black, Indigenous & People of Color (BIPOC) and Women to Green Skilled Trades/Crafts, and STEM Job Training - a US perspective
   b. NEW adaptation/resiliency resources:
      i. weADAPT - A collaborative platform for climate adaptation and resilience, including case studies from around the globe
      ii. Anticipatory Social Protection Index for Resilience Diagnostic Tool - includes the tool and readiness assessments from multiple countries. "Social protection programmes, which historically focused on poverty alleviation and basic services, are increasingly seen as vital tools for building climate resilience."
   c. While these toolkits were written a few years ago, the principles and strategies are very useful for today.
      i. Convene a coalition to create energy policies
      ii. Build community resilience and prepare the workforce for non-governmental entities

Clean Energy and Inclusive Green Economy

10. PAGE (Partnership for Action on Green Economy)
    a. Uniting the UN system: The GREEN team - "PAGE, in close coordination with the United Nations Economist Network (UNEN), established the Green Transformation Economic Advisory Mechanism (Green TEAM) in 2021 to provide deeper support on economics to partner countries. The Green TEAM advises and informs PAGE country and global work on green economic transformation…

Countries join PAGE through a criteria-based selection process, which has become a competitive process. Country support is time-bound and results-oriented and subject to commitments of interested governments and stakeholders. PAGE helps countries, through integrated technical advice, analysis and capacity building, to embark on a whole-economy and whole-society transition to an inclusive green economy. Find out more about PAGE core offer – tool & services and strategy.

b. PAGE annual report: "...green jobs and circular economy being prevailing areas of action across countries."
c. Green Economy Progress Measurement Framework - PAGE has released a key tool for policymakers, analysts and other stakeholders to gain understanding on how green economy is progressing in their respective country. It helps countries to evaluate their overall progress towards an Inclusive Green Economy and to enable a cross-country comparison of progress.
d. Green Growth Knowledge Platform, a collaboration of United Nations' agencies, has a variety of green workforce development resources. Sign up and see the newsletter here.
e. The Green Economy Toolkit for Policymakers provides countries with practical guidance on how to formulate and assess policies, measure progress and model future effects of the transition.The toolkit consists of three publications:
    Guidance manual for green economy policy assessment
    Guidance manual for green economy indicators
    Using models for green economy policymaking.

11. CEM's Clean Energy Solutions Center

The Clean Energy Solutions Center (the Solutions Center) helps governments design and adopt policies and programs that support the deployment of transformational low-carbon technologies… offers no-cost clean energy policy assistance… to help countries tailor solutions to their needs and foster international collaboration on policy innovations. The Solutions Center also serves as a knowledge portal for online clean energy resources—including policy best practices, data, and analysis tools… in partnership with more than 35 leading international and regional clean energy organisations. The Center is soon creating a section on workforce development policies as a result of this project.

12. European Pillar of Social Rights Action Plan

See the visual description of the components of social rights at the top of the page

13. IEA (International Energy Agency)

a. Credible Pathways to 1.5 Degrees C - Four Pillars for Action
b. Energy Efficiency Policy Toolkit
c. Our Inclusive Energy Future report and the 12 recommendations and policy examples for each one - "The Global Commission on People-Centred Clean

Energy Transitions… recognises that local circumstances and clean energy pathways will differ, and therefore these recommendations may be applied in different ways. The Commission intends for these recommendations to influence the clean energy policies and programmes of governments, funders, investors and international organisations globally in order to maximise their benefits to people and ensure the overall success of clean energy transitions on the path to net zero."

14. Mission Innovation: from ICLEI (local governments) and others
    a. Climate Innovation Human Centered Solution Framework
    b. See vision document for funding with human needs in mind.

15. ACEEE American Council for an Energy Efficiency Economy

    Energy equity recommendations for policymakers, utilities and regulators

16. IRENA - International Renewable Energy Agency
    a. World Energy Transitions Outlook 2022: 1.5 degree C Pathway
    b. See other policy related reports for the Clean Energy Transition
    c. Global Landscape of Renewable Energy Finance

17. ICLEI Local Governments for Sustainability (ICLEI)
    a. An opportunity from ICLEI - Local Governments for Sustainability to increase the rate of implementing solutions by working directly with cities and higher education experts
    b. Clean energy policies related to regional and cities levels, including financing

18. International Trade Union Confederation Just Transition Center