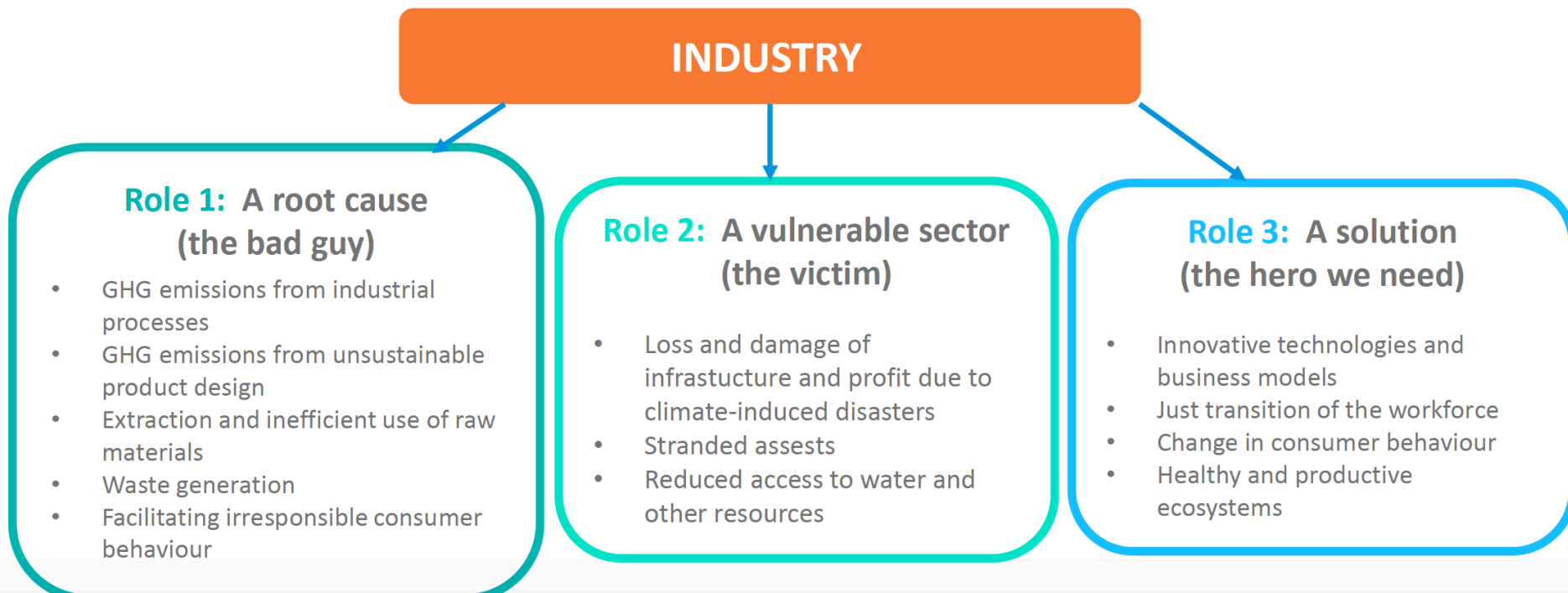
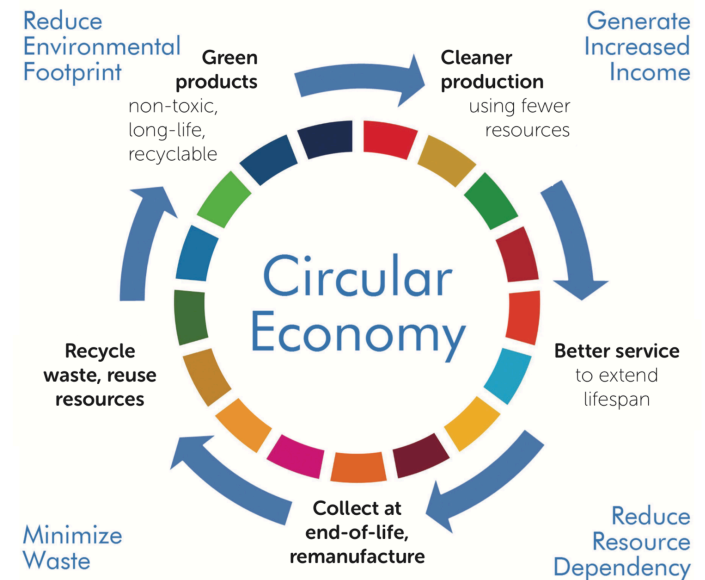


UNIDO's mandate is to promote and accelerate inclusive and sustainable industrial development (ISID) in Member States



We need youth to contribute to, participate in, and benefit from the green recovery to make industry the hero we need

- A green COVID-19 recovery could cut GHG emissions by up to 25% by 2030.
- **Up to 60 million additional jobs** globally by 2030
- Appr. **18m jobs** across the world will be the result of the **sustainable energy transition**.
- **New mindset and skills** needed for emerging jobs, as well as making changes in existing jobs so that they are greener.





What can youth do?

- **Change day-to-day actions**
- **Rethink education and career choices, and choose a 'green' career path**
 - The number of young people (aged 15-24) in the global job market is expected to increase by 41.8 million between 2017 and 2030. Those from Africa, Asia and the Pacific will make up 77% of the world's youth labour force by 2030 (ILO 2017). → The largest generation of young people in history is entering the workforce. Their career choices will have a considerable impact on the world's future.
- **Take action, join collective activities, raise awareness**

Source: UNIDO; UNEP, GEO-6 for Youth 2021

... but most importantly



Nothing about us
– without us!



UNIDO contributing to the global agenda on youth





Vienna Energy Forum

Austrian
Development
Agency

Federal Ministry
Republic of Austria
European and International
Affairs



International Institute for
Applied Systems Analysis



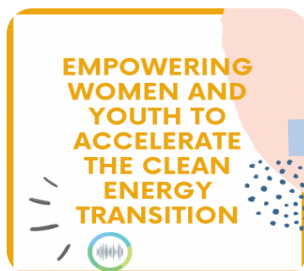
VIENNA ENERGY FORUM



SDG7 YOUTH
CONSTITUENCY
YOUTH IN SUSTAINABLE ENERGY



VEF virtual
Session Jan 2021



Call to Action to
Empower
Women and
Youth



Collaborative Co-
creation Process



VEF July 2021:
Youth for VEF



Energy Compact
to Empower
Women and
Youth





Recommendations from the Vienna Energy Forum

Sustainable energy policies and Energy Compacts should be youth-responsive

Investments and market access needs to be created for youth-led/-owned initiatives or projects that disproportionately impact youth positively

Awareness should be raised on the role of youth for sustainable energy; **Involvement/ visibility** of youth in sustainable energy and in decision-making

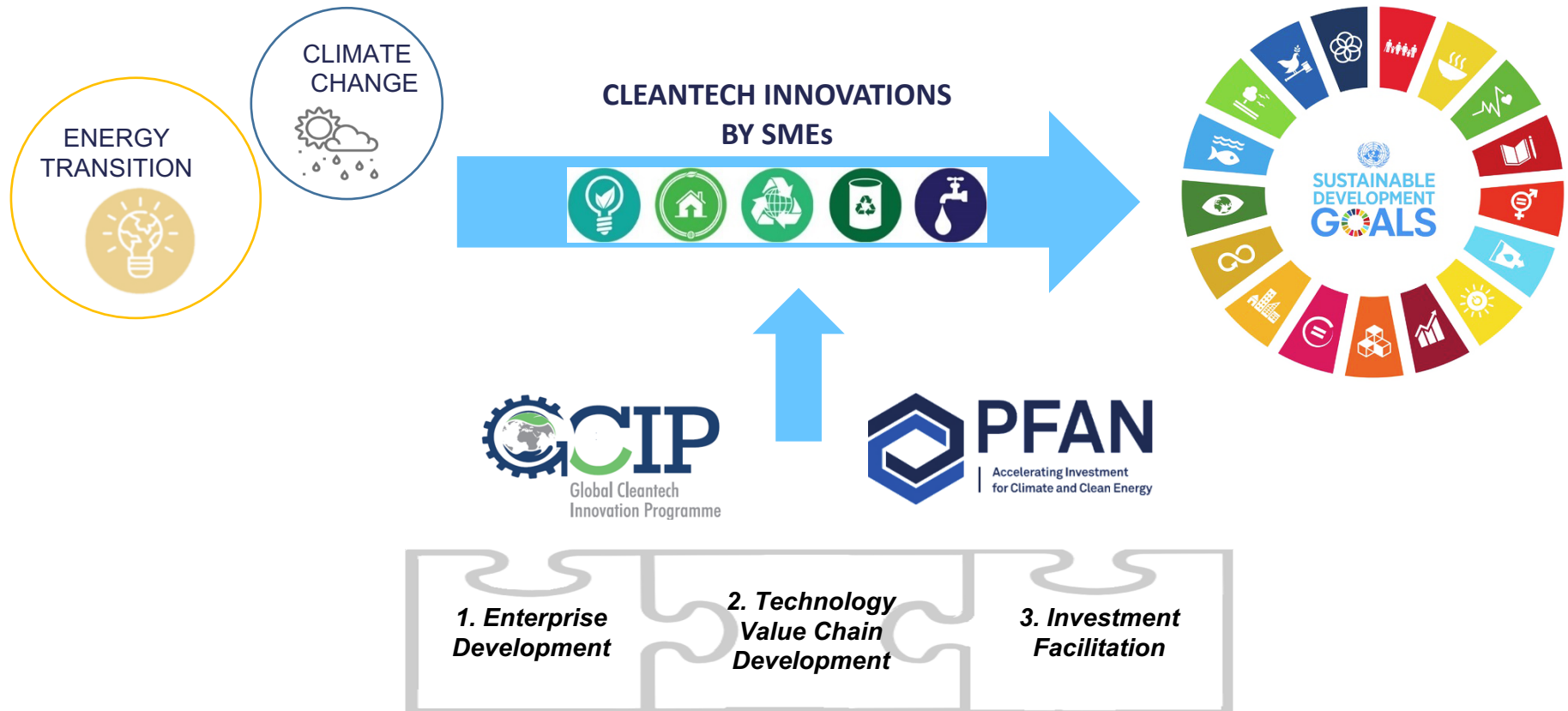
Education/ training opportunities need to be put in place to increase demand driven **skills and competencies** relevant for sustainable energy

Sustainable energy **products and services affordable and available should be available** to youth

Gender-responsive approach needs to be applied consistently

Youth empowerment and engagement in the Department of Energy

Climate & Clean Energy Technology Innovation and Entrepreneurship



Youth empowerment and engagement in the Department of Energy



9

countries

>1000

start-ups/SMEs accelerated in 5 years

Morocco

- Targeted entrepreneurship awareness sessions in 15 schools (over 500 students trained, ≈50% women) in 2018-2019;
- ≈65% of participating enterprises led by youths*,
- >70% of semi-finalists led by youths

South Africa

- >40% of semi-finalist enterprises led by youths in 2017-2018; 56% of award-winning enterprises in 2018 were youth led



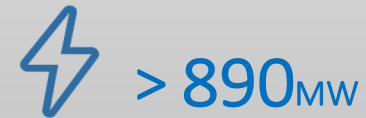
38

countries



315

Total projects in the
development pipeline



> 890_{MW}

Clean energy generation
capacity added



\$1.4 bn

Total investment
leveraged

Youth empowerment and engagement in the Department of Energy

Okra

Winner, PFAN-MI Clean Energy Investment Forum (May 2019, Vancouver)

Australian tech company based in Cambodia that is enabling 24/7 energy access for off-grid communities through their plug & play, autonomously managed, DC micro-grid technology.



Atomberg Technologies

Mumbai, India

2016/7 GCIP National Category Winner
Super efficient ceiling fans with 65% saving in electricity compared to conventional fans with CO2 reduction potential of 3.6m tonnes per annum.



THEVIA

South Africa

2016 GCIP National Runner up

Roof tiles produced from 99% recycled materials that are 75% lighter and twice as strong as conventional tiles.
Prevents 1.9kg of GHG emissions per tile.



Bitsym Watersense

Pakistan

2015 GCIP National Finalist

IoT solution for real-time detection and reporting of drinking water pollutants.

GROW

Lampang, Thailand

2017 GCIP National 1st Runner up
2018 GCIP Global Category Winner

Agri-fiber paper produced from 100% rice straw through a non-toxic, acid and chlorine free process.



Watech

Morocco

2018 GCIP National Category Winner

Low-cost water filtration solution for domestic wastewater treatment through aerobic and anaerobic filtration process, tailored for rural communities and decentralized sites.





Thank you!

