

RCE's Climate Actions through Multi-stakeholder Collaboration at the Local Level

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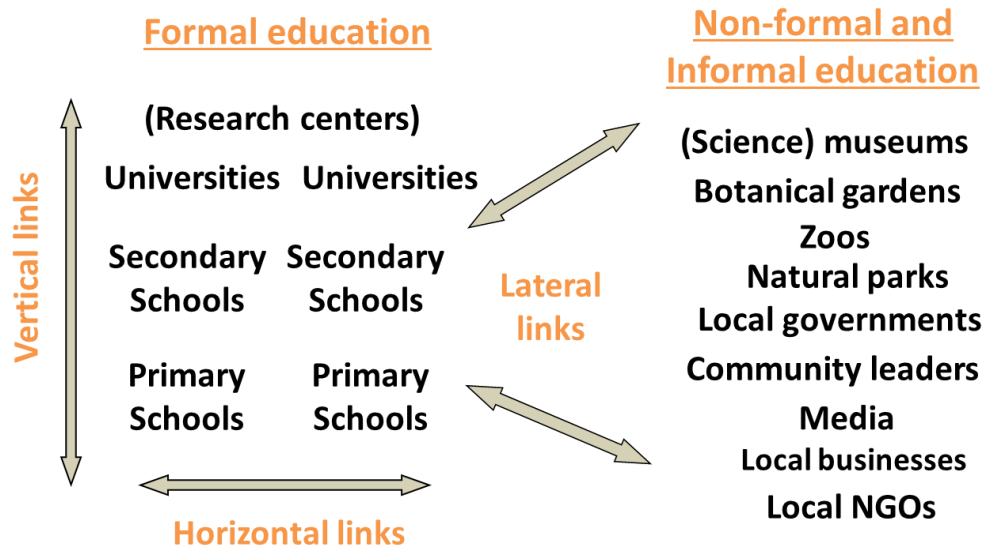
Innovation and Education Programme, United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS)

Outline

1. Regional Centre of Expertise on ESD (RCE)
2. RCEs' Climate Actions
3. Recommendations
4. Announcement

1. Regional Centre of Expertise on ESD (RCE)

Regional Centres of Expertise on ESD (RCEs)

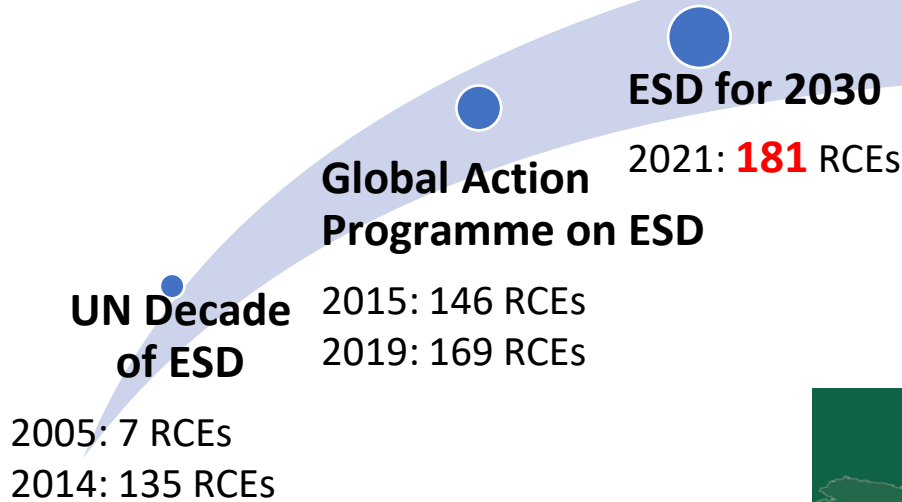


- A mechanism to **translate global sustainability goals into local actions**
- A **multi-stakeholder network** to promote **ESD** at the local level
- Functions as an innovative platform and living laboratory to facilitate **interdisciplinary and cross-sectoral collaboration**



Global RCE Network

Development of Global RCE Network



ACKNOWLEDGED BY



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Global RCE Service Centre (UNU-IAS)

- Facilitate Collaboration
- Raise visibility & Expand outreach
- Research
- Capacity building



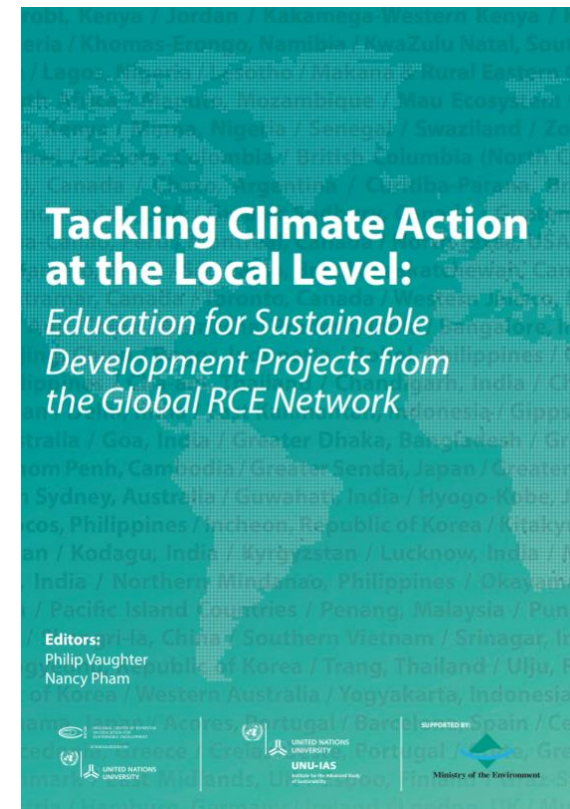
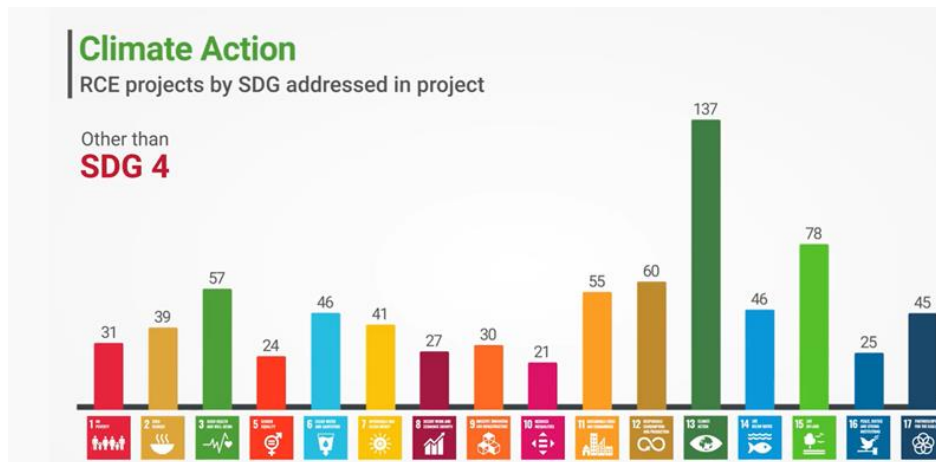
RCEs around the world (as of October 2021)

Commonalities and Differences between LC and RCE

	Learning City	RCE
Commonalities	<ul style="list-style-type: none"> • An effective mechanism to translate global sustainable agenda into implementations at the local level • Contributing to the achievement of all SDGs, mainly SDG 4 and providing lifelong and life-wide learning opportunities for sustainable development • A global network for exchanging experiences and facilitating cooperation among members 	
Launch of the network	2015 (by UIL)	2005 (by UNU-IAS)
Members/governing body	Local government	ESD or RCE promotion commission consisting of multi-stakeholders
Geographical scope	City, village, town	Local community and region (independent from administrative boundaries)
Approach	Commitment and leadership of local government	Community-led activities through multi-stakeholder partnerships

2. RCEs' Climate Actions

RCE Projects and SDGs (2015-2019)



UNU-IAS (2021)
[Publication](#) [Video](#)

- ◆ 479 projects in 46 countries
- ◆ Most projects are contributing to SDG 13 besides SDG 4

Case 1: RCE Bogota (Colombia)

“How Urban Youth can be an engine to achieve Low-carbon Sustainable Lifestyles”



- **Background:** Citizens’ consumption choices, especially those of the young people will define the city’s sustainability for coming generations.
- **Aim:** Engage youth as catalysts for change towards sustainable lifestyles
- **Measures:**
 1. Open call for initiatives from young entrepreneurs in five domains (mobility, food, housing, consumer good, and leisure)
 2. Feature the initiatives in various events
 3. Develop and effectively use communication strategies (Apps, FB, Instagram)
- **Results:**
 - Raising of awareness and changing of behaviors



Contributing organisations:

- University
- Ministry of Environment and Sustainable Development
- Municipality’s Environment Office
- UN Environment

Case 2: RCE Denmark (Denmark)

“Vocational Training in Wood as an Element of Sustainable Construction Methods”



- **Background:** Construction industry is a large source of carbon emissions
- **Aim:** Educate apprentices to be change agents for sustainable construction
- **Measures:**
 1. Curriculum development based on research on new materials, methods and knowledge
 2. Training for teachers, master carpenters and companies
 3. Establishment of an official certified programme in sustainable construction and building for apprenticeship
- **Results:**
 - More apprentices gain knowledge on and practical skills
 - Attract female apprentices and facilitate dialogue on gender equality in male-dominated carpentry business
 - Apprentices as ambassadors for sustainable construction as inspiration for master carpenters



Contributing organisations:

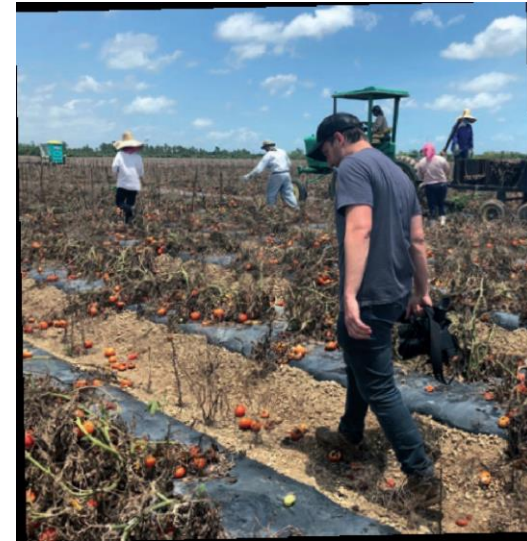
- Educational institutions
- Research institutes
- Unions and NGOs
- Manufacturers
- Building companies
- Finance

Case 3: RCE Greater Atlanta (USA)

“The Girasoles (sunflowers) Project”



- **Background:** Most vulnerable populations are most adversely affected by excessive heat
- **Aim:** To protect farmworkers from heat hazards and associated health problems and ensure safe work environments
- **Measures:**
 1. Describe heat hazards and associated heat-related health problems
 2. Develop heat illness prevention trainings and interventions
 3. Disseminate research findings to wider stakeholders (workers, employers, public)
- **Results:** The research underlined the necessity heat-adaptive interventions to address heat hazards faced by agricultural works in the changing climate.



Contributing organisations:

- University
- Farmworker association
- Media
- Medical workers

3. Recommendations

1. As climate change is a complex problem with diverse causes and effects, any 'one-size-fits-all' approach may not be suited for every city and community. Therefore, measures and actions for climate mitigation and adaptation should be **contextualised**.
2. Identification of **leverage points** (target groups, key issues, areas) and **people who may be especially vulnerable** to climate change in their respective communities for effective interventions is essential.
3. **Multi-stakeholder partnership** is the foundation for dialogue and collaboration to share visions, understand problems, and provide solutions. It is essential to respect initiatives and ownership of the respective stakeholders and work collaboratively by synergising expertise and resources to make a significant impact.
4. **Education and LLL** are powerful means to encourage people to become change agents, to empower others beyond sectors and generations to create low-carbon, climate resilient and sustainable communities.

4. Announcement

‘Achieving the Sustainable Development Goals: action through learning in a time of global crises’



- **Co-organisers:** Global RCE Service Centre (UNU-IAS) and RCE Scotland
- **16-18 November 2021**
 - DAY 1 (16 NOV) 8:00-12:30 (GMT)**
‘Hearts’ – *What kind of world do we want? How do we inspire and engage hearts and minds?*
 - DAY 2 (17 NOV) 11:00-15:30 (GMT)**
‘Heads’ – *Visioning, thinking and reflecting: planning for action on ESD and the SDGs*
 - DAY 3 (18 NOV) 11:00-15:30 (GMT)**
‘Hands’ – *Make it happen: taking action on ESD and the SDGs*

- **Registration:**

<https://www.rcenetwork.org/portal/12th-global-rce-conference>



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Thank you for your attention.

Learn more:

<https://www.rcenetwork.org/portal/>