

SDG #9

Industries, Innovation, and Infrastructure

OBJECTIVES:

Build resilient infrastructure
Promote sustainable industrialization
Foster innovation

"Inclusive and sustainable industrialization, together with innovation and infrastructure, can unleash dynamic and competitive economic forces that generate employment and income. They play a key role in introducing and promoting new technologies, facilitating international trade and enabling the efficient use of resources." - United Nations



Partners in research:



Elizabeth Wallace

Global & International Studies

Promoting SDG goals through partnerships and multinational cooperation.



Thierry Niyonkuru

Business

Addressing SDG goals through innovating and collaborating solutions.

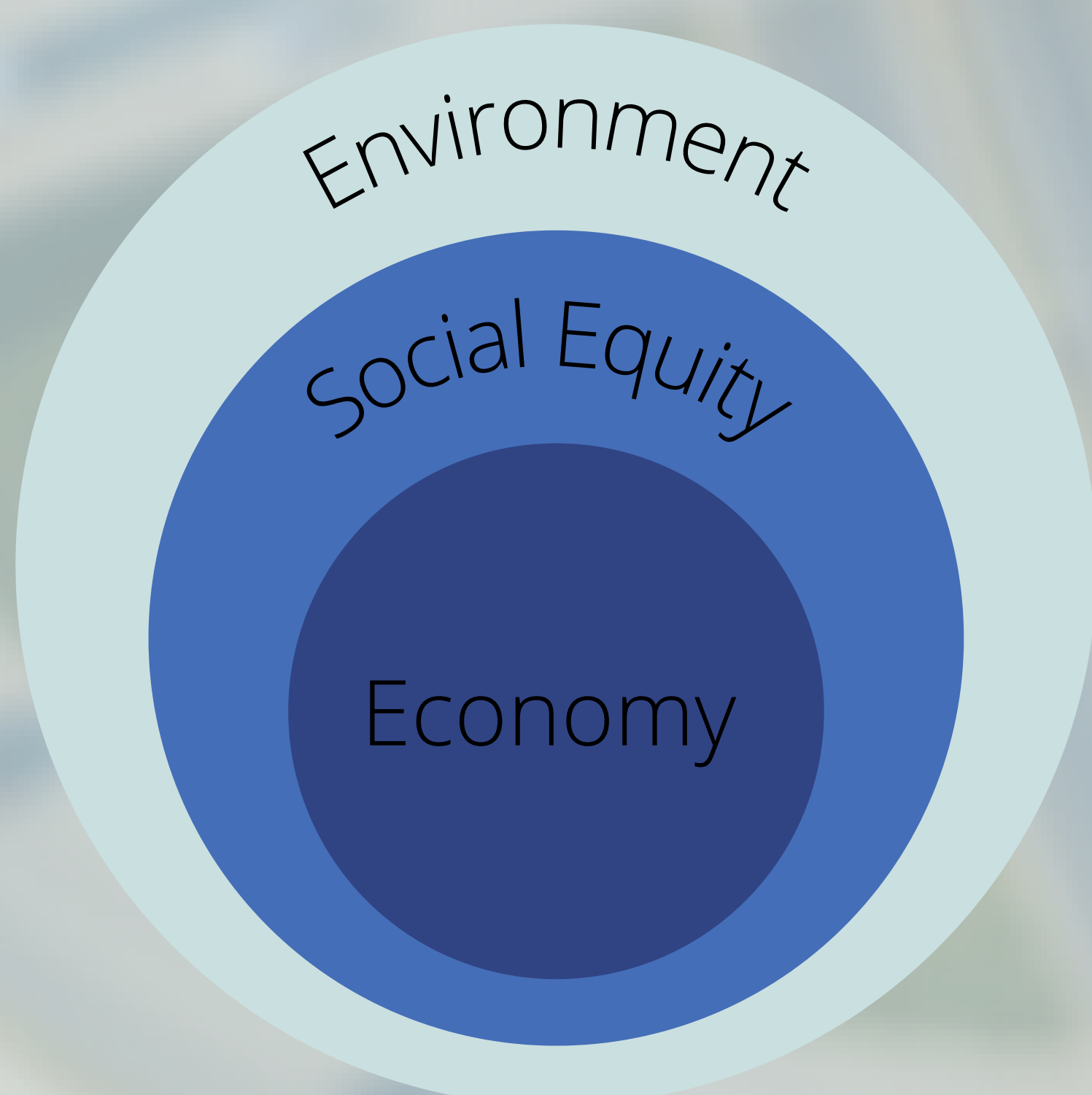


Halee Griffey

Sustainable Management & Policy

Working toward SDG goals through the advancement of environmental sustainability in policy and practice.

The Three Spheres of Sustainability



How are Rwanda and Indiana utilizing the three spheres of sustainability to meet the needs of the current generation without compromising the ability of future generations to do the same?

Hint: View the graphic on the right to find out!

Sources that contributed to this project:

Green City Kigali: <https://greencitykigali.org/>
Indy Chamber: <https://indychamber.com/entrepreneurship/>
International Trade Department:
<https://www.in.gov/isda/divisions/economic-development/international-trade/>
LEED: <https://www.usgbc.org/>
Lima Declaration: https://www.unido.org/sites/default/files/2014-04/Lima_Declaration_EN_web_0.pdf
MINICOM: <https://www.minicom.gov.rw/>
Ministry of Youth, Culture, and Sports:
UN SDG #9: <https://sdgs.un.org/goals/goal9>

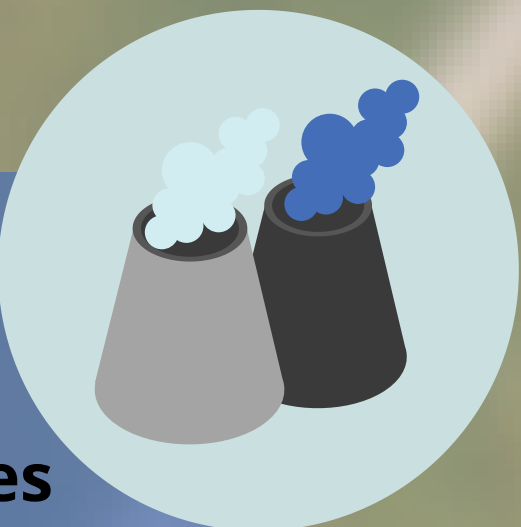
Infrastructure



Environmentalism is prioritized through the development of resilient architecture.

The management of the built environment in both Rwanda and Indiana is challenging the previously unsustainable architectural norms of each respective region through the implementation of Green City Kigali (Rwanda) and the LEED Certification (USA). With a foundational focus of environmental promotion, LEED, a rating system in which the designs of buildings can be based, and Green City Kigali, a "green urbanization" investment fund, further **sustainable developments in modern infrastructure**.

Industries



Economics is prioritized through the implementation of sustainable industrial policy.

"Industry increases productivity, job creation and generates income, thereby contributing to poverty eradication and addressing other development goals, as well as providing opportunities for social inclusion" (Lima Declaration).

Indiana and Rwanda are creating sustainable policy by not only prioritizing profit, but also providing access to basic goods and services. The governments of the two regions are moving toward accessible industries in various ways. Rwanda promotes industry through Ministry of Trade and Industry (MINICOM) which favors investors. Similarly, Indiana does so through the International Trade Department which helps companies explore opportunities for exporting their products around the world. In turn, this increases business revenue and produces more Indiana jobs.

Innovation



Social Equity is prioritized through the fostering of innovative ideas.

The governments and economies in Indiana (USA) and Rwanda promote **entrepreneurship** and **trade**. This type of policy, incentive, and support encourage new ideas and businesses.

In Rwanda, there is the Ministry of Trade and Industry (MINICOM) and Ministry of Youth, Culture and Sports which encourage entrepreneurship. In Indiana, the Indy Chamber provides support to entrepreneurs and has specific resources to help minorities which promotes social equity.

Investing in SDG #9 supports the spheres of sustainability by providing access to basic needs and services, such as food, shelter, and healthcare. Even more so, it can provide access to work, education, and more. This action further perpetuates sustainable development in the future.