International

Clean Energy Corps™

Creating a Global Taskforce to Tackle Climate Change

Presented by
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Mission:

Mobilize the Citizens of Planet Earth to create a truly Sustainable, Resilient, Peaceful, Prosperous, Enlightened, Healthy and Just World for All. *

* ***Special Note:*** In the wake of the global economic disaster precipitated by the COVID-19 Pandemic, the *International Clean Energy Corps* could also serve as a highly effective vehicle for providing a Guaranteed Job to all who wish to make valuable contributions to present-day society, as well as to future generations (akin to the "*Civilian Conservation Corps*" established during the *Great Depression*).

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Strategy – *A few key elements:*

- **Empower & Deputize Citizens** to assist Gov't & Industry**

  ** Governments & Industry can do a lot to combat Climate Change, but not everything! Success also depends on OUR choices & actions.

  "What can WE do for Ourselves, for Our Communities AND for Our Planet?"

- **Establish Globally Accessible*** Education & Training**

  *** Need to eliminate all unnecessarily barriers: e.g., prohibitive costs, schedule conflicts, long distances, language and other barriers, etc.

  "Madam University President, Mr. Dean of Students: ***Please Tear Down These Walls!****"*

- **Take Direct Community Action** on Projects, Near & Far

- **Collect & Share Best Practices:** "Localize" around Globe

- **Be a *Collaborating* Org.** – NOT a *Competing* Org.

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Education & Training:

Education

is the most powerful weapon which you can use to change the world.

- Nelson Mandela

It's also our Best Tool to fight Climate Change…

along with Racism and so many other gross injustices!

Portrait Photo by Adrian Steirn

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Education & Training Programs: (Proposed)

- **Online Classes** hosted by Clean Energy Corps & Partner Orgs.
  - Lowest-cost, easiest way to reach all people, everywhere.
  - Facilitates "localizing" course materials to multiple languages/regions.

- **University Classes & Labs** at collaborating schools (on-site and online)

  Key: Earn *Academic Credit* AND *Professional Certification Credentials*!

- **Summer Learning Institutes and Semester-Abroad Programs**

- **Hands-on Training** via Partner Training Orgs., Workshops, Internships, Apprenticeships, Seasonal/Part-time/Full-time Jobs, Volunteering, etc.

- **Community Service Projects:** Hands-on Experience Open to All
  - Range of Local to International Projects (*Service-Learning*, *Service-Travel*, etc.)
  - Like *Habitat for Humanity* and *Doctors w/o Borders*, but for Climate Action.

- **End-to-End *Project-Based* Learning** (akin to the "*CDIO" Initiative*)

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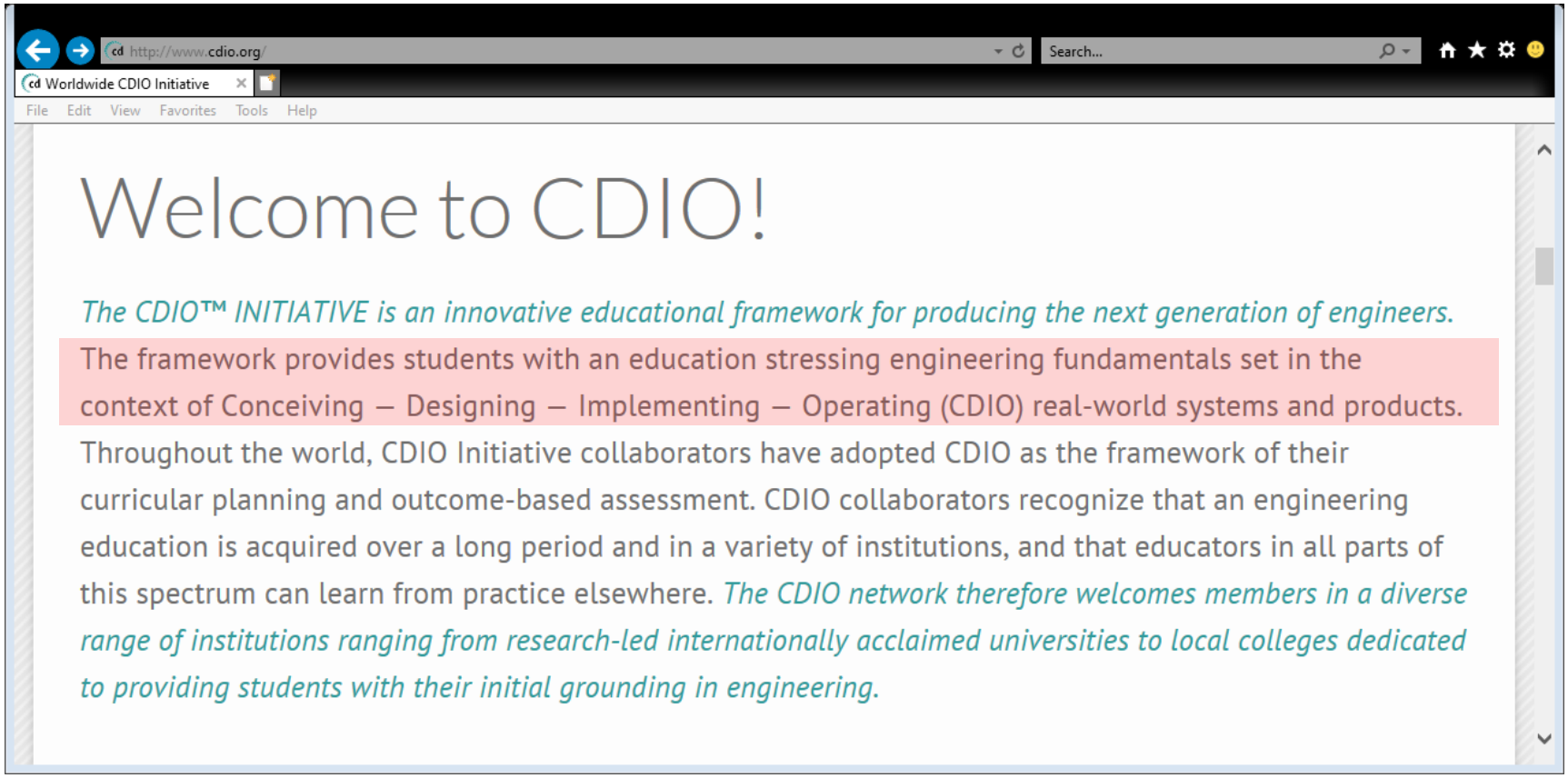
CDIO Initiative: *Conceive - Design - Implement - Operate*



- Excellent global model for rigorous ***Project-Based Learning***.
- Concept can be expanded beyond engineering to all disciplines.
- **A solid framework for *Clean Energy Corps* projects, worldwide**.

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CDIO Universities: *Over 120 Institutions on 6 Continents*

- A demonstrated model for **sharing** "*Best Practices*" worldwide.
- Can do similar global collaboration for Solar/EE/RE education, etc.
- **Resource sharing seems vital to Globally Accessible Education**.

(To lean more about the CDIO Initiative®, visit www.**CDIO**.org)

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Public Outreach Programs *(just a few examples)*

Socially-Distant Outreach: *(During COVID-19 Pandemic)*

- **Mission-focused Webinar Series** in collaboration with Partner Orgs
- **Virtual Solar Tours** (Homes, Businesses, Schools and other illustrative venues)
- **Digital Newsletters, Topical Guides & Reports, Policy Updates**, etc.
- **Online and Social-Media Campaigns** (for both awareness & fundraising)

==== Upon COVID-19 Vaccine, Effective Therapeutics or Herd Immunity ====

Future Outreach Programs: *(Post COVID-19)*

- **In-person Community Lectures/Speaker Series/Workshops**
- **Public Festivals** in collaboration with Partners (featuring Sustainability Education, Demonstrations, Solar Cooking incl. *Solar Chef* Contests, Solar Art, Music & more)
- **Fun Runs and the like** (e.g., "EarthDay 10Ks", etc., to raise awareness & funds)
- **Mission-focused Social Events** *(e.g., "Green Drinks"* to build community, raise $$)
- **Expanded & Enhanced Physical *Solar Tours*** (more Countries & Languages)

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Popular Community Outreach Programs:

As but one example--

Solar Tours… *where*

"Neighbors teach Neighbors how to save Planet Earth!"

30th year in Washington, DC

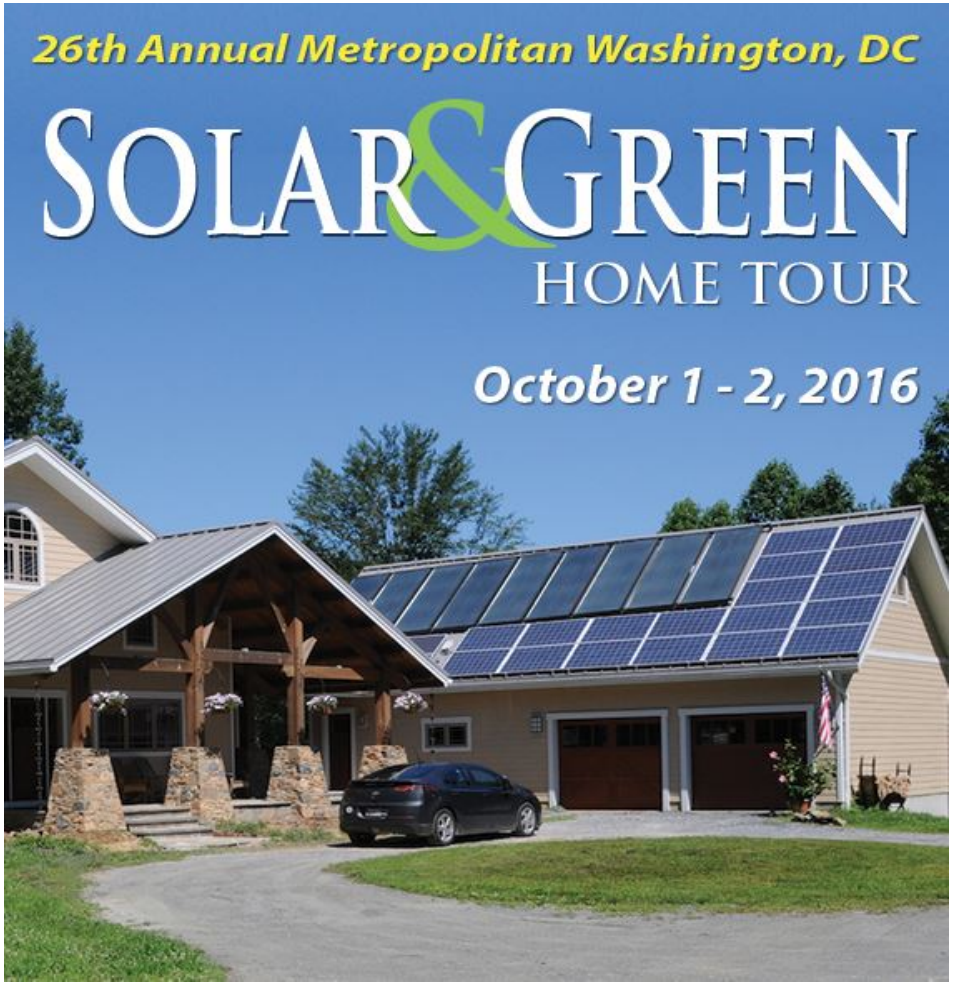
www.**SolarTour**.org

25th year, Nationally

www.**NationalSolarTour**.org

And, Coming Soon…

World Solar Tour™



***Clean Energy Corps* shall help replicate proven models Globally.**

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Community Action: *(Again, but a few examples)*

Socially-Distant Community Activities: *(During COVID-19)*

- **Community "Energy Census"** (Learn how much **EACH of US** must reduce)
- **Expand "*Solarize*", "*Solar Co-op*" & "*Community Solar*" programs** plus other Neighborhood-Scale & Community-Scale Activities with Partner Orgs.
- **Community-based Sustainability Competitions & Design Contests** (e.g., Resilient Solar Schools, ZNE Buildings, Zero-emission Vehicles with V2B & V2G, *Parallel Community Microgrids* enabling Community Solar without the Utility Co!)

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Future Community Activities: *(Post COVID-19)*

- **Support *Community Solar* Installations** (e.g., on Municipal Facilities: Solar Schools, First-Responder Facilities, Parks, Transport Hubs, etc.)
- **Support Residential/Commercial Solar Installations** (e.g., for Solar Co-ops, Non-profits, Seniors, LMI Households, Disabled Vets, D.I.Y. Groups, etc.)
- **Support Neighborhood Energy-Efficiency Retrofits/Weatherization**

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Next Steps… *for Int'l Clean Energy Corps:*

- **Legally establish Int'l Clean Energy Corps** as an independent non-profit org. focused on Climate Change Mitigation, including Education & Outreach, Research in the Public Interest, Social & Environmental Justice, and other community-supportive programs and activities.
- **Formally establish Relationships with key Partner Organizations** -- particularly those with complementary missions and objectives.
- **Secure & Operationalize All Resources** needed to initiate operations (e.g., Business Systems, Facilities, Staff and, of course, Funding, too!)
- **Commence Operations** with the Launch of Key Programs. (TBD)

- **Together, Start building a Global Taskforce needed to Create a truly Sustainable World for ALL!**

Everyone is Welcome! ***Everyone is Invited!***

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Next Steps… *Recommended for All Earthlings*

Make GREEN Choices… and Take GREEN Action…
<u>Everywhere</u> and with <u>Everyone</u> We Can:

1. Individually
2. Family *(Household & Extended Family)*
3. Friends *(both New & Old, Near & Far)*
4. Colleagues *(Work, School, Community Groups)*
5. Neighbors *(Next Door to Whole Neighborhood)*
6. Broader Community *(Town, City, County, etc.)*
7. State / Province / Territory
8. Nation
9. Continent / Region of the Globe
10. Worldwide

We're here to help every step of the way. ***Stronger Together***

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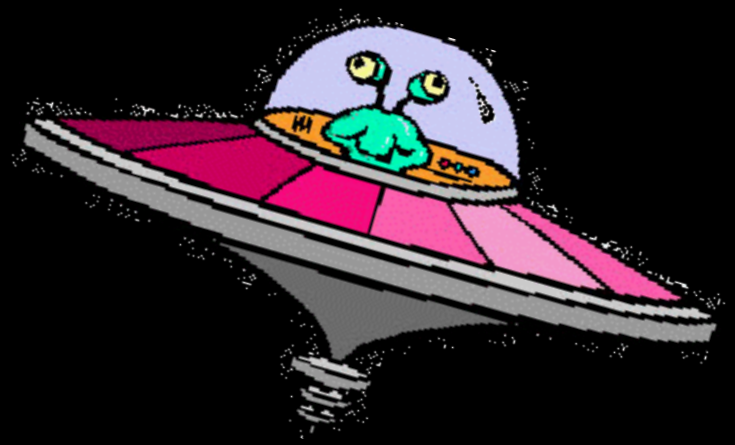
One Final Perspective:

Hey, Earthlings –

You've Got a Great Planet…

… IF You can Keep It!



Let's NOT mess this One up!

Image courtesy of NASA

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On behalf of All Citizens of Planet Earth,

"Thank You!"

Questions?

Recommendations?

Wish to Collaborate?

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