



the Center for Research and
Development Hong Kong



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Introduction, Background and Current Affairs

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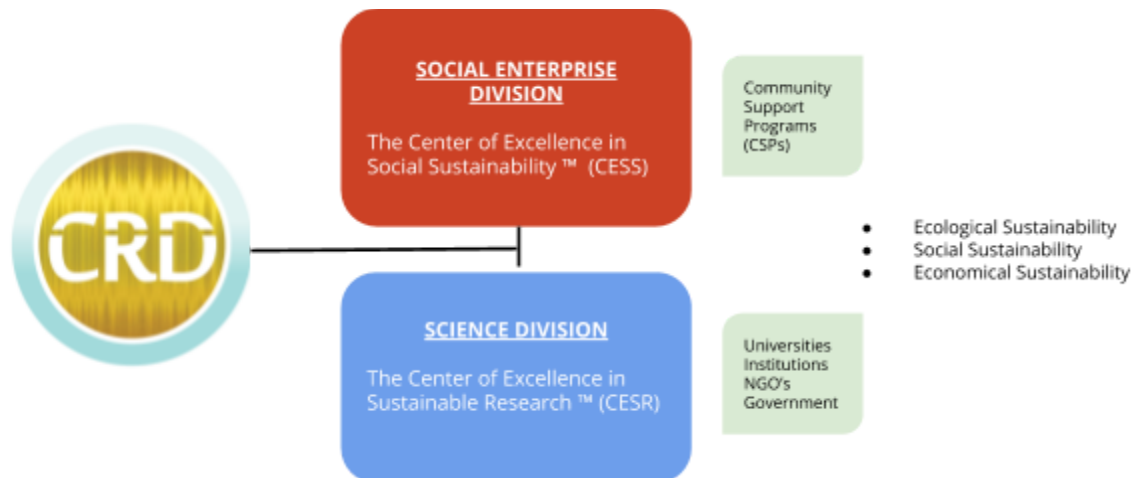


About Our Organization

The Center for Research and Development Hong Kong (CRD-HK, the Center) is a locally registered not-for-profit organization, with the mission to support industries, groups, and institutions. We serve the Hong Kong area, the Chinese population and its diverse residents from all walks of life.

We rely on two major divisions, the Science Division, “The Center of Excellence in Sustainable Research (HK)™ (CESR)” and the Social Enterprise Division, “The Center of Excellence in Social Sustainability (HK)™ (CESS)”, and both share the same purpose in serving the public by following the three guiding principles.

(Figure I) The Social Enterprise Division (in red) and Science Division (in blue).



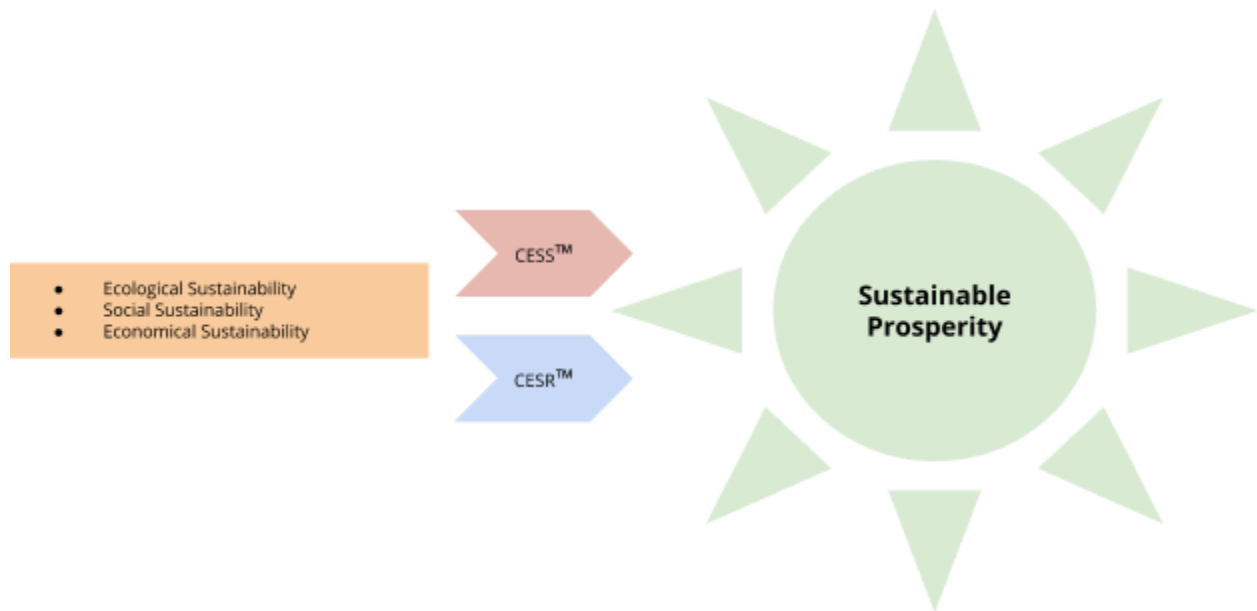


The Three Guiding Principles

The Center, including the **CESS-** and **CESR** division with programs, all follow the **three guiding principles**, that may produce the desired long-term objective in *“Sustainable Prosperity”*.

1. **Ecological Sustainability**, means we coordinate, contribute and produce, based on a long-term perspective. We conserve and maintain the usage of the waters, the soil and the ecosystem, and reduce our impact on the natural environment and people’s health to a level that our direct environment can handle.
2. **Social Sustainability**, is our responsibility to improve and enhance the quality of the community we serve. This signifies the nature-community relationships, mediated by work, as well as relationships within the community. Social sustainability is directly related to our SE division operations, in respecting human rights, labor rights, and corporate governance, equally accessible to all groups and our community members.
3. **Economic Sustainability**, is our ability to support long-term economic growth without negatively impacting the social, environmental, and cultural aspects of the community. We translate that in the responsible funding of initiatives, above minimum wage pay levels and our not-for-profit legal character where profits are reinvested back in our organization and the community.





(Figure II) Our Three Guiding Principles, interlinked with the CESS and CESR Divisions, drive the “Sustainable Prosperity” model.

The clear advantage of the Center’s vision in *“Sustainable Prosperity”* is the well-designed **integration** of the **Community Support Programs (CSPs)**, the facilities are housed at the same location in order to maintain exceptional quality control. Furthermore, in our implementation plans the cultivation of indoor organic crops (greenhouses), the IoT Technology Showcases/Science Lab and cafe/restaurant, are interlinked. In return, the benefit of this well-integrated design, facilitates the support and training of the community members, and the controlled usage of precious resources while minimizing the stress of the environment.

The SE will follow the pioneering spirit of the Center to bridge the gap between Scientific Research and Community Engagement, under the name, *“The Center of Excellence in Social Sustainability (HK) (CESP-HK)”*.



The Center of Excellence in Social Sustainability (CESS) with CSPs

Our **Community Support Programs (CSPs)** under the Social Enterprise, **The Center of Excellence in Social Sustainability (CESS)**, was developed to meet the growing demand for hard to find employees. Prospect employees from *underprivileged areas* and *socially disadvantaged groups* in Hong Kong are selected, to follow either a **6- or 12-month** training with the aim to obtain basic working experience.

For years 2019 till 2024, the Center has recognized three major CSPs under the SE division, to serve the needs and demands of the different groups and the industries.

1. Our **Agri- and Mariculture program**, the Center is currently engaged in several long-term projects with the aim to train prospect employees who will receive the benefits of this reinvented industry in Hong Kong. Ongoing crop- and marine science studies in collaboration with the major local universities would support the key industries, our Social Enterprise (SE) and the trainees.
2. In our **IoT SciTech Lab** program, the Center is well established to attract and train a young audience in the key areas of Mari- and Agriculture with affordable but advanced designs. **Single Board Computers (SBC's)**, smart architectural designs, ongoing Data Sciences and Computer Science study exchanges in collaboration with the major local universities, would support numerous industries, our own Social Enterprise (CESS), partners and fellow trainees.
3. In our **Biodiversity & Conservation** program, the Center is with the implementation of innovative projects, able to attract professionals for our advanced lab with competitive services. Industries and Universities would benefit from our range of cutting edge components and high-quality output.



The Center of Excellence in Sustainable Research (CESR)

In the Science Division, we truly excel, with our industry-specific approach in connecting the dots and the proven track record to meet results and answers.

The Center has formulated the research areas for 2019-2024 of AI technologies in Agriculture (Agrotech), Sustainable Mariculture and Food-Security: advances in rice, soybean, tomato and flower genetics including pest control.

Our environmental and conservation knowledge is based on scientific data with the excellent support of the top three local universities, the **Chinese University of Hong Kong (CUHK)**, the **University of Hong Kong (HKU)** and the **Hong Kong University of Science and Technology (HKUST)**.

The Center is well regarded for its spot-on analysis and immaculate track record of compliance by different Government departments such as, the **Drainage and Services Department (DSD)**, the **Water Supplies Department (WSD)**, the **Environmental Protection Department (EPD)** and the **Agriculture, Fisheries and Conservation Department (AFCD)**, and maintains cordial relationships with other Greengroup NGOs in Hong Kong.





With a large social network at our disposal and a budget that is capable of significantly funding research projects, our aim to retain top local scientific professionals together with the commitment to find answers, benefits the local community. Furthermore, the approach to leverage top quality local talent and responsible spending is widely recognized by our benefactors.

We do not, however, unless that was stated in a specific consulting contract with *limitations*, provide our services to one company or a single representative only.

The *vision* of the Center is to collaborate with local top-tier industries, institutions, and NGOs *"in Developing a Healthy Environment, a Thriving Community, and Sustainable Prosperity"*





Support and Standing

The Center has completed various studies and projects in collaboration and good standing with major Government bureaus, NGOs and Universities. Our most recent project was, the conservation and protection of species, in the New Territories under the [Drainage and Services Department \(DSD\)](#) specification, the [Water Supplies Department \(WSD\)](#), and the [Agriculture, Fisheries and Conservation Department \(AFCD\)](#).

Further works involve the submission of funding applications under the [Public Policy Research \(PPR\)](#) Funding Scheme and the Strategic Public Policy Research (SPPR) Funding Scheme, both overseen by the [Policy Innovation and Coordination Office \(PICO\)](#).

We are supported and receive further standing through a robust social network in Hong Kong, and for this reason, our main NGO strength is with the [Chinese University of Hong Kong \(CUHK\)](#), the [University of Hong Kong \(HKU\)](#), the [Hong Kong University of Science and Technology \(HKUST\)](#) and fellow Institutions.

With over 10 years experience of handling policy matters, the Center, through the social network of 300 professionals, is able to draw significant support. The diverse background of the professionals, such as lecturers at top local universities, (retired) civil servants, tax & finance specialists, representatives in the higher education, legal professionals and the industry leaders from the IT/Technology sector, reflect the diversity of our social network.

Our Directors were appointed by several NGOs in key positions. The Center is able to draw further support from a large pool of fellow professionals, for concrete advice and active policy referral.



Donation and Sponsoring

The Center is able to offer extensive donation- and sponsoring options to support our research projects- and Community Support Programs (CSPs).

For individual donations, our Corporate Not-for-Profit Account (BOCHK) is [012-355-2-004935-2](tel:012-355-2-004935-2), the Center for Research and Development Hong Kong Ltd.

Corporate partners with the intention to provide a major donation for our Community Support Programs (CSPs) or sponsoring of our research projects, please contact the Program Director directly, at email address raymundk david@crd-hk.org or his telephone number [6978 5729](tel:6978 5729) for more information.

