



**THE R&D ADVANTAGES OF HIGHER EDUCATION
INSTITUTES (HEI)
OVER THE RESEARCH AND DEVELOPMENT
AGENCIES OF THE DOST**

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Many Players; One Mission

The Academic Community: HEIs

- ✘ **R&D as an important mission**
 - ✘ **Largest Contingent_with research mission**
 - ✘ **dispersed within the Philippines**
 - ✘ **mechanism for inter/intra institutional collaborations**
- ✘ **possess multi-disciplinary superiority (R&D, etc.)**
 - ✘ **hardy recognize advantages**
 - ✘ **many downplay themselves**
 - ✘ **relatively superior to RDIs under the DOST**
- ✘ **need to recognize own relative advantages in R&D**
- ✘ **should exploit their advantages to the fullest**



Power Partners from the Past and the Present: Teacher's Pet and the Alumnus

- ✘ **Produce Graduates (alumnus) annually**
 - ✘ **become key decision makers, businesspersons (or politicians)**
 - ✘ **tap as partners and consultants for S&T planning and projects**
 - ✘ **their organization/companies are potential cooperators in R&D/S&T projects**
 - ✘ **source of technical, administrative and liason-related support (top ranking universities and colleges do this all the time)**
 - ✘ **can extend financial support, e.g. fund raising campaigns**
- ✘ **Students as research assistants**
- ✘ **Students as data enumerators for R&D related activities (e.g. Thesis. Dissertations, Research Projects, Extension projects; etc)**



Thy Territory as Strategic Wellspring of R&D

✧ HEIs Advantages:

- ✧ geographically closer, liaison-wise and information-wise, to the agri-industry resources
 - ✧ The greatest reference for generating R&D programs and projects are the locality's agri-industry resources
 - ✧ resource-based S&T/R&D experimentation and investigations poses less logistic problems
 - ✧ Liaison-wise and culturally
 - ✧ the affairs of trade and business in their territory are more adopted/accessible to HEIs for S&T interactions, needs evaluations and counsel (than any RDIs of DOST)



The Language (DIALECT) and Culture Advantage

- ✘ **more adapted to their territory's culture**
- ✘ **familiarity with accepted norms, traditions (and taboos)**
- ✘ **less or virtually no language barrier**
- ✘ **“Kababayan” partiality:**
 - ✘ **very strong provincial or parochial affinity, the combination is clearly in favor of SCUs.**



Pseudo Corporation with Legion of Experts and Steady Research (Student) Force

- ✘ **allows undertaking of income generating activities (IGPs)**
 - ✘ **flexibility in the management of income from IGPs or services**
 - ✘ **expediency in channeling part of income for R&D projects**
 - ✘ **developed technologies can be incubated commercially as IGPs or offered to industry**
 - ✘ **simplicity in establishing IGPs from the results of R&D projects (including student R&D projects)**
 - ✘ **repeatability of the cycle of strategic income generation and the conduct of new R&D activities**



The Panorama of Advantages

- ✘ **diversity of technical disciplines for R&D projects**
- ✘ **loyalty and respect (alumni, faculty and student)**
- ✘ **territory and culture**
- ✘ **HRD Resources**
 - ✘ **starts at program/project identification stage**
 - ✘ **extends during the preparatory stage**
 - ✘ **during program implementation**
- ✘ **technology transfer and extension services**



Lest We Forget: HEIs as R&D Partners of DOST

- ✧ **High on the agenda:**
 - ✧ **Collaborative research efforts**
 - ✧ **partnership with DOST agencies for special facilities and critical expertise**
 - ✧ **active involvement with Regional Industry and Energy Consortia**
 - ✧ **development partner of local industry**
 - ✧ **global competition is in agri-industries in the countryside.**
 - ✧ **contribute to make regional industries vibrant and competitive**
- ✧ **DOST RDIs are earnest to partner and collaborate with HEIs**



**THANK YOU VERY MUCH
FOR YOUR KIND ATTENTION**