CHED's Role in Institutionalizing Research Databases; Harmonizing HERDIN and CHED databases

presented by

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Commission on Higher Education (CHED)   **www.ched.gov.ph**

Outline of presentation

- **Background about CHED's database on research & researchers**

- **Experience of CHED in gathering inputs from HEIs-strategy on how CHED database was institutionalized**

- **Lessons learned in building & deployment of CHED's database**

Background about CHED's...

Goal: to establish and inculcate a culture of research in Philippine higher education institutions

NHERA-1 (1998-2007)

Z R C

R M I S

- research data
- researchers profile

NHERA – National Higher Education Research Agenda
ZRC – Zonal Research Center

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Background about CHED's...

RMIS refers to the database of research data and information gathered by the CHED-Zonal Research Centers (ZRCs) in support to its function of periodically assessing the research capacity and productivity of HEIs in its area of jurisdiction.

RMIS – Research Management Information System

Objectives of RMIS:

- **To provide data on the state of higher education research;**

- **To identify research gaps;**

- **To serve as basis for formulating policies on research in higher education.**

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Background about CHED's...

R M I S

- research data   =   405
- researchers profile   = 4,379
- HEIs R&D units   =   219
- HEIs funded researches = 4,291

DO WE HAVE ENOUGH R&D personnel?

Background about CHED's...

- **RP has 165 R&D personnel per million population**
- **UNESCO standard is 380 R&D workers per million population for developing countries**

Action Plan:

**NHERA-2
(2009-2018)**

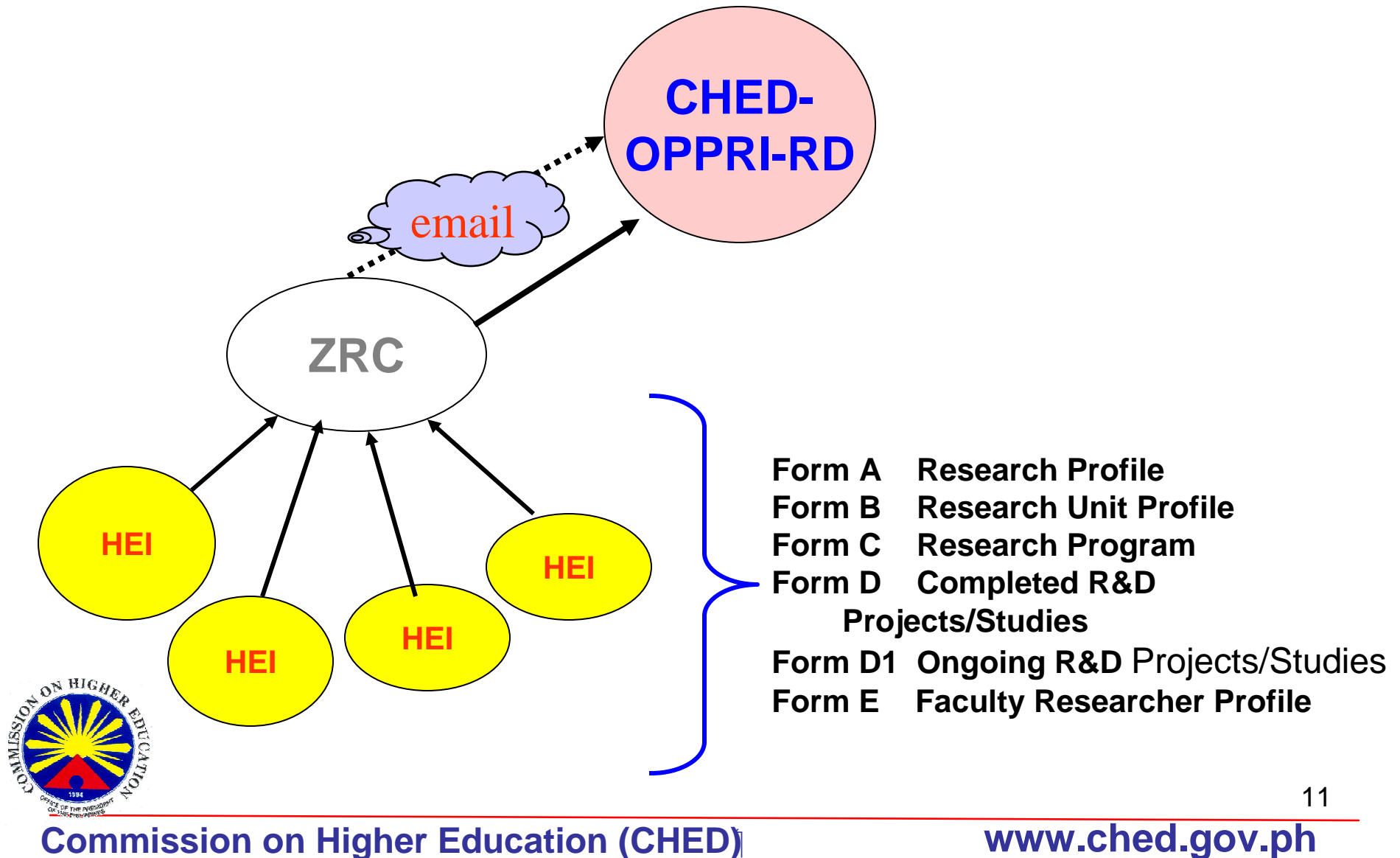- **Plan of having 1 ZRC per region; and**

- **5 sub-ZRCs per ZRC.**

Experience of CHED...

Experience of CHED in gathering inputs from HEIs-strategy on how CHED database was institutionalized

Experience of CHED...

RMIS Forms and data collection flow

Form A   Research Profile
Form B   Research Unit Profile
Form C   Research Program
Form D   Completed R&D
       Projects/Studies
Form D1 Ongoing R&D Projects/Studies
Form E   Faculty Researcher Profile

Data shall be collected on:

- **Individual Higher Education Institution with graduate program/s**

- **Individual Full-Time Faculty from HEIs with graduate program/s**

- **Individual Research Unit of HEIs with graduate program/s**

- **Institutional Research Program**

- **Individual Research Project**

Experience of CHED...

Data Elements

The ZRC periodically assesses research capacity and productivity of HEIs in the zone based on (but not limited to) the following identified indicators:

Experience of CHED...

Research Capacity

- **number of graduate programs offered by the HEI (especially those with thesis or dissertation);**

- **number of research units/offices;**

- **number of institutional research programs;**

Experience of CHED...

Research Capacity

- **number of full-time faculty with earned masters or doctoral degree;**
- **number of full-time faculty members with research involvement;**
- **current enrolment in MS and PhD/EdD programs;**
- **number of institutional research outputs presented in conferences.**

Experience of CHED...

Research Productivity

- number of completed institutional researches classified as basic or applied;

- number of ongoing institutional researches classified into internally or externally funded;

- number of individual faculty research outputs published;

Experience of CHED...

Research Productivity

- number of research publications that received recognitions/awards;

- number of inventions or technology packaged/patented or in process for patenting;

- number of copyrights of registered research papers produced

Experience of CHED...

The CHED-ZRC establishes and maintains the RMIS and submits clean databases to CHED-RD for consolidation into a national RMIS.
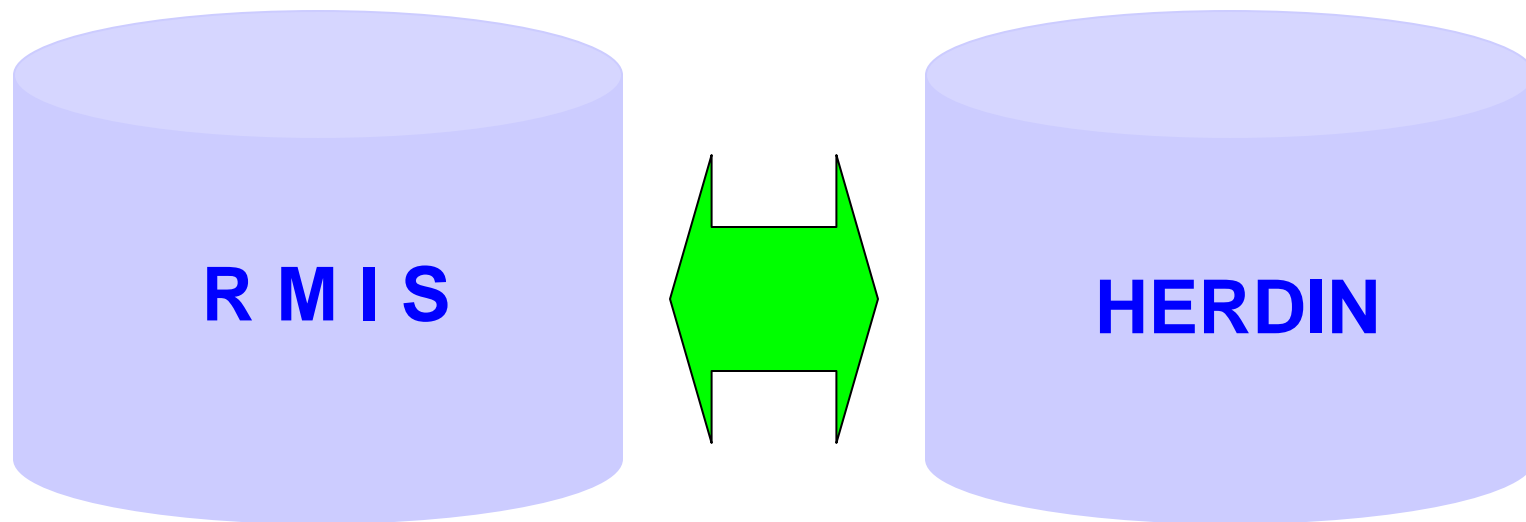
Lessons learned...

- **CHED experience difficulty in consolidating RMIS data**

- **In 2009, CHED revised the RMIS Manual of Operations and allowed ZRCs to use their own database system for their own zonal consolidation but prescribed the use of Excel for submission to CHED for national consolidation**

HOW DO WE HARMONIZE

R M I S ⟷ HERDIN

THANK YOU!