

STATUS REPORT: INTERNATIONALLY- BENCHMARKED ACCREDITATION FOR QUALITY ASSURANCE OF ENGINEERING EDUCATION

PRESENTED AT THE

BAETE INTERNATIONAL SYMPOSIUM ON QUALITY ASSURANCE IN ENGINEERING
EDUCATION THROUGH ACCREDITATION – II , AUGUST 26, 2020 VIRTUAL

FEDERICO A. MONSADA
PHILIPPINE TECHNOLOGICAL COUNCIL



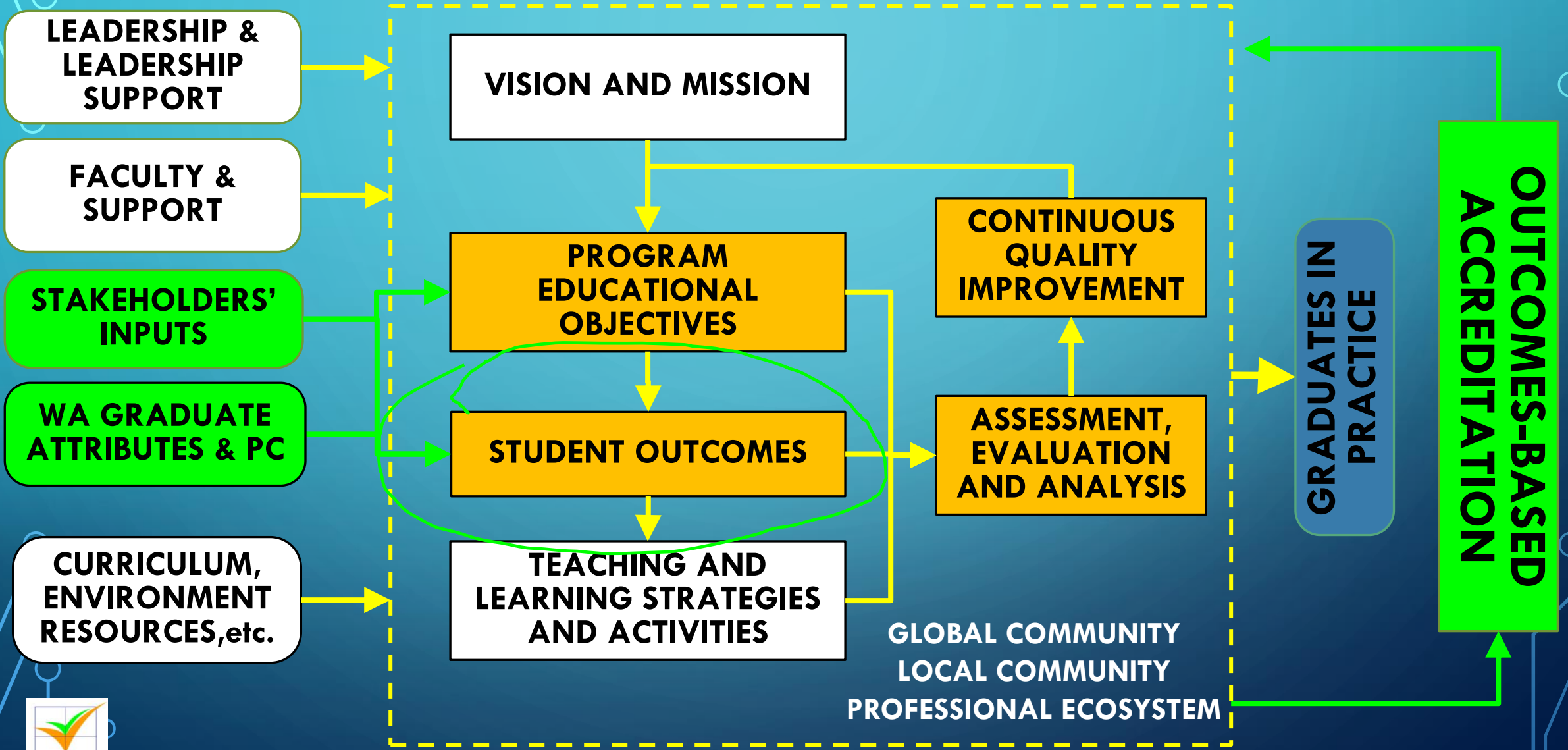
OUTLINE

- **Status of PTC-ACBET Accreditation**
- **PTC Framework for QA and Accreditation**
- **Recent Changes in Engineering Education**
- **Accreditation Review Timeline**
- **Training of Team Evaluators**
- **Way Forward**

STATUS OF PTC ACCREDITATION

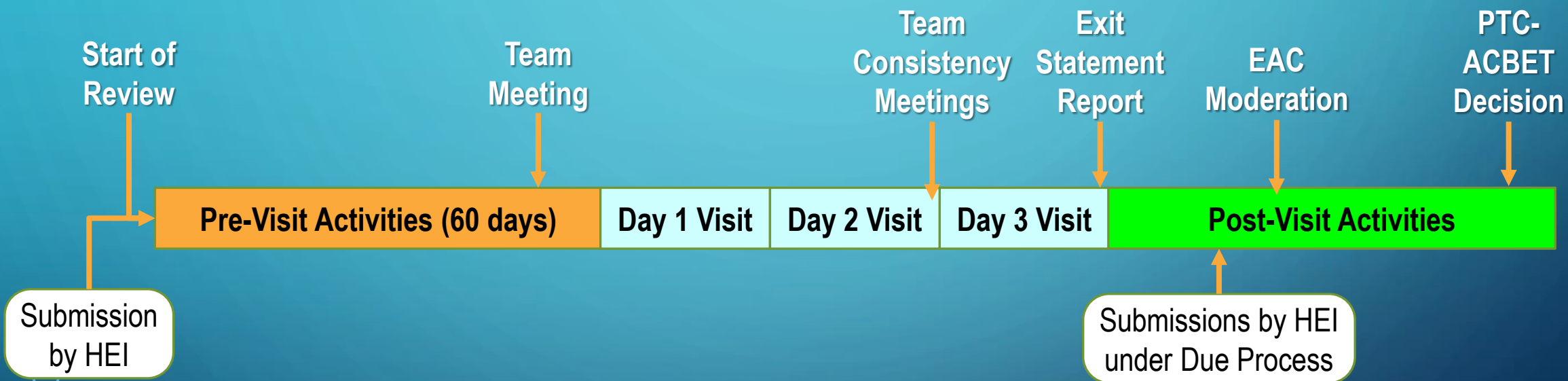
- **Started first accreditation activities in 2012**
- **Mentored by Engineers Australia - 3 mentoring visits & observation of accreditation reviews**
- **Nomination visits by IEET and EA**
- **Review visits conducted by IES and IEM (under FEIAP)**
- **Program Accreditation Status**
 - **4 Programs - 2nd cycle of accreditation completed**
 - **44 Programs - 2nd cycle of accreditation in the next few months**
 - **30 Programs - interim review for full accreditation in the next few months**
 - **11 Programs - final review and decision making ongoing**
- **Issued 2nd Edition of Accreditation Criteria and Guidelines in 2019**
- **Deferred Request for Initial Evaluation of Programs (for first time accreditation with PTC-ACBET) until AY2021-2022 because of pandemic**

ACCREDITATION & QUALITY ASSURANCE FRAMEWORK



ACCREDITATION REVIEW TIMELINE

- Accreditation Review with On-site Visit

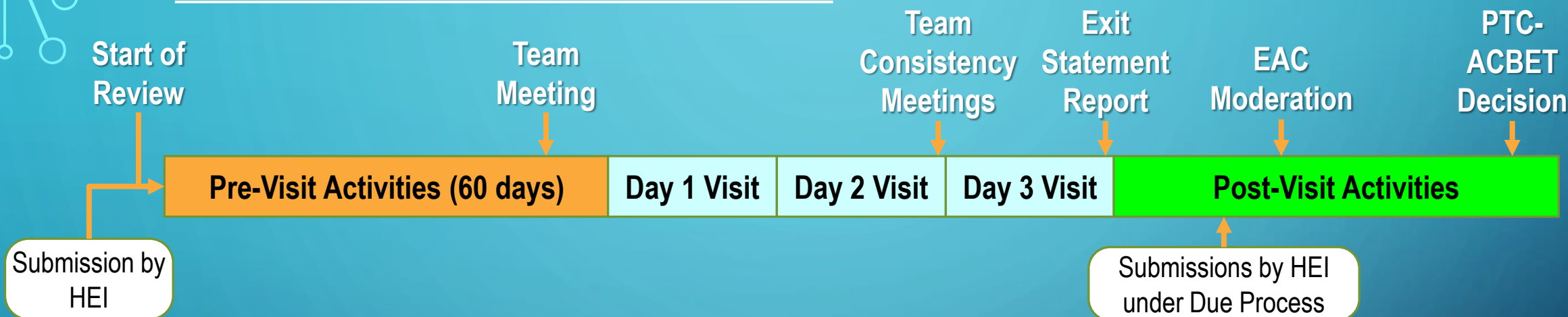


RECENT DEVELOPMENTS IN ENGINEERING EDUCATION

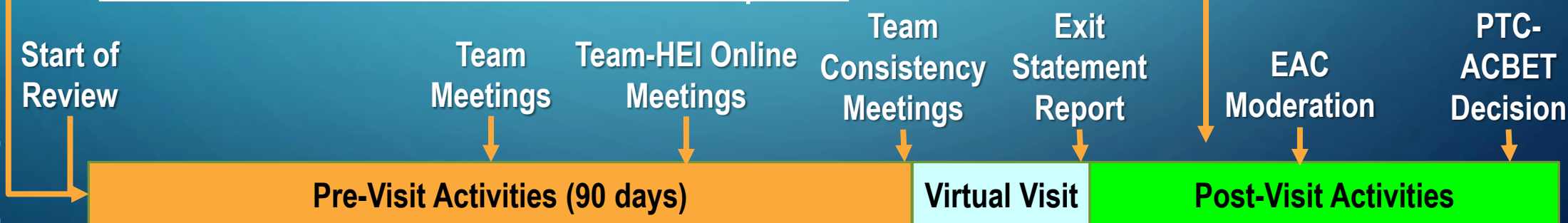
- **Policies, Standards and Guidelines for 16 engineering programs re-issued by the Commission on Higher Education (CHED) effective 2017 all incorporating student outcomes anchored on WA GA.**
- **CHED issued addenda to said PSGs – incorporating guidelines on the implementation of flexible/blended teaching and learning (outcomes shall remain)**

ACCREDITATION REVIEW TIMELINE

• Accreditation Review with On-site Visit



• Accreditation Review with Virtual Options



TRAINING PROGRAMS FOR PROGRAM EVALUATORS

Module	Title	Participants	Basic Scope
CASEE 101	Introduction to PTC Accreditation and Outcomes-Based Education	Professional Engineers from Industry and the Academe including program administrators, faculty members, officers of the professional engineering organizations	<ul style="list-style-type: none"> • Introduction to the various concepts of accreditation and outcomes-based education and the overall engineering education quality framework. • Introduction to the PTC Certification and Accreditation System for Engineering Education (CASEE) • Introduction of the PTC Washington Accord Initiative
CASEE 102	CASEE for Program Evaluators	Professional engineers and academics who are potential program evaluators	<ul style="list-style-type: none"> • Detailed discussions on PTC CASEE criteria, policies and procedures, and the Self Study Report Guidelines from the program evaluator's perspective. Use case studies. Introduction to CASEE accreditation procedures and processes. Lectures and workshops
CASEE 103	CASEE for Self-Study Report Preparers	Academics – professional engineers in the academe who are tasked to prepare their programs for accreditation	<ul style="list-style-type: none"> • Detailed discussions on PTC CASEE criteria, policies and procedures, and the Self Study Report Guidelines from the program administrator's perspective. Lectures and workshops
CASEE 104	Conducting Program Accreditation Reviews	Professional Engineers and Academics who have been selected and endorsed to be program evaluators. Those who completed this module will be asked to be inducted into the Register of Program Evaluators	<ul style="list-style-type: none"> • Detailed discussions on actual conduct of desk top accreditation reviews using the SSR submitted by the HEI • Discussions on the conduct of accreditation reviews during site visits. Lectures and workshops

WAY FORWARD

- **“New Normal” Affects The Way We Do Things – No Longer As Usual. And This “New Normal” Will Be Here For Sometime Maybe The Future**
- **Guiding Principle: Outcomes Must Stay**
- **Proving And Probing That Indeed Outcomes Are Continually Achieved Under The ‘New Normal’ Is A Challenge**
- **Training Of Program Evaluators And Decision-makers Will Take A Different Tack – How To Handle Flexible/Blending T/L.**
- **Success Of Accreditation Reviews Will Depend Much On The Recognition By Both Accreditor And Accretee That The Accreditation Is For The Good Of Everyone.**

THANK YOU FOR YOUR KIND
ATTENTION.

MABUHAY!