STRATEGIC PLAN
2010-2012
(Reformulated as of August 1, 2011)
14 May 2010

MEMORANDUM

TO : ALL CONCERNED CHIEF OF OFFICES/DIVISIONS
     PRC Central Office
     REGIONAL DIRECTORS

SUBJECT : STRATEGIC PLAN OF THE BOARD OF AGRICULTURAL ENGINEERING FOR CY 2010-2012

Attached for your information is the Strategic Plan of the Board of Agricultural Engineering (BOAE) for CY 2010-2012, of which was adopted and approved through BOAE Resolution No. 03, series of 2010.

All concerned offices/divisions of PRC Central Office and PRC Regional Offices are hereby directed to support the implementation of the said BOAE Strategic Plan, and closely coordinate with the Board of Agricultural Engineering.

NICOLAS P. LAPENA JR.
Chairman

Copy furnished:
Chairman, Board of Agricultural Engineering
President, Philippine Society of Agricultural Engineers
Republic of the Philippines  
Professional Regulation Commission  
Manila

BOARD OF AGRICULTURAL ENGINEERING  

RESOLUTION NO. 03  
Series of 2010

ADOPTING AND APPROVING THE BOAE STRATEGIC PLAN FOR 2010-2012

WHEREAS, the Board of Agricultural Engineering (BOAE) pursuant to Sec. 9, Article III of R.A. No. 8559 (Philippine Agricultural Engineering Act of 1998) and Sec. 9 of R.A. No. 8981 (PRC Modernization Act of 2000) is mandated to carry out its duties and functions on licensure examination and the regulation on the practice of agricultural engineering;

WHEREAS, the BOAE has formulated its Strategic Plan for CY 2010-2012 to effectively carry out its above mentioned duties and functions;

WHEREAS, the BOAE Strategic Plan for CY 2010-2012 complements and supports the over-all plans and programs and the Road Map for Quality Professional Regulation of the Professional Regulation Commission.

NOW, THEREFORE, in view of the above premises and Board’s power vested under Section 9 of R.A. 8559 and Section 9 of R.A. 8981, the Board hereby RESOLVED, as it now RESOLVES, to adopt and approve the BOAE Strategic Plan for CY 2010-2012, attached as Annex “A”;

Done in the City of Manila this 11th day of May 2010.

ARJODEAR C. RICO  
Chairman

JUANA T. TAPEL  
Member

FELIMAR M. TORRIZO  
Member

ATTESTED BY:

CARLOS G. ALMELOR  
Secretary  
Professional Regulatory Board

APPROVED:

NICOLAS P. LAPENA JR.  
Commission Chairman

ANTONIO S. ADRIANO  
Commissioner

NILO L. ROSAS  
Commissioner
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<td>Cohesive Board of Agricultural Engineering; BOAE Chairman serves as PAPRB President for 2011</td>
<td>Lack of logistical and funding resources from PRC to fully support the operation and implementation of BOAE Programs and Projects</td>
<td>Philippine Development Plan (2011-2016): 1) Competitive and Sustainable Agriculture and Fishery Sector; 2) Accelerating infrastructure development and the conservation; 3) Protection and rehabilitation of environment and natural resources- provides vast opportunities for agricultural engineers</td>
<td>Continuity of BOAE Programs and Projects with the change of BOAE</td>
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<td>Strong support of PRC and PSAE, and existing linkages with DA and other concerned government agencies</td>
<td>Under BOAE’s regulatory supervision are 6,608 licensed agricultural engineers</td>
<td>Further to it, and with the full enforcement of R.A. No. 8559 (AE Law), there is an increasing demand for agricultural engineers, thus, the need for BOAE to effectively regulate the practice of agricultural engineering</td>
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The BOAE, under Divine guidance and administrative control and supervision of PRC shall be the professional regulatory authority effectively regulating the practice of agricultural engineering towards producing, supplying and sustaining corps of world-class, technically proficient and ethically competent Filipino agricultural engineers.
To develop policies and regulate the practice of agricultural engineering profession towards ensuring globally competitive, competent and highly employable Filipino agricultural engineers as catalyst and builders for Philippine agriculture and fisheries modernization and national development.
1) To review and align the Philippine Agricultural Engineering Law, its Implementing Rules and Regulations and other policy issuances with the needs of the times.
2) To effectively regulate the practice of agricultural engineering, and enforce and monitor industry compliance on the Philippine Agricultural Engineering Law
3) To develop and implement professional development programs for agricultural engineers
1. POLICY DEVELOPMENT

1.1. Review and align R.A. No. 8559, its IRR and other rules and regulations with the needs of the times

✓ Drafted proposed amendments on AE Law and to review AE curriculum towards Agricultural and Bio-Systems Engineering
1. POLICY DEVELOPMENT

1.1. Review and align R.A. No. 8559, its IRR and other rules and regulations with the needs of the times

✓ Promulgated BOAE Rules and Regulations and Memo Circulars to enforce AE Law in relation to the implementation of various laws and policies
1) **Resolution No. 1, s. 1998** - “Rules and Regulations Implementing the Philippine Agricultural Engineering Act of 1998”.


3) **Resolution Nos. 05, Series of 2002; 1, Series of 2003; 2, Series of 2003; 01, Series of 2005; 02 Series of 2006; and 01, series of 2009** "Adopting and Promulgating the Philippine Agricultural Engineering Standards (PAES), Volumes I, II, III, IV, V and VI", of which the same PAES were also adopted by the DA through Administrative Orders Nos. 10, Series of 2002; 06, Series of 2003;05, Series of 2005 and 07, Series of 2006;

4) **Resolution No. 02, series of 2005**, “Code of Ethics and Professional Standards for Agricultural Engineers”;

5) **Resolution No. 01, Series of 2006**, "Prescribing and Promulgating Guidelines and Procedures in the Continuing Professional Education (CPE) Program for Registered and Licensed Agricultural Engineers“;

6) **Resolution No. 02, series of 2007** “Guidelines on Ocular Inspection and Monitoring of Offices and (Agriculture-based) Establishment”; and

7) **Resolution No. 03, series of 2007**, “Rules and Regulations Implementing the ASEAN Mutual Recognition Arrangement on Engineering Services-Professional Agricultural Engineering Services”.

8) **Resolution No. 05, series of 2010**, “Promulgation of Resolution on Table of Specifications for the Subjects in the Board Licensure Examination for Agricultural Engineers”. 
Memorandum Circulars issued by BoAE

1) **MC No. 2005-09**- To all Chairman and Members of the Bids and Awards Committee of DA, DAR, SCUs, LGUs, ARMM and all concerned National Government Agencies and PCAB, Implementation of the Government Procurement Act, The procurement of agricultural and fishery infrastructures, facilities, machineries, equipment and consulting services of agricultural engineering in relation to R.A. No. 8559.

2) **MC No. 2005-11**- To all Governors, City/Municipal Mayors and Sangunian Panlalawigan/Panlungsod/Bayan- Implementation of Section 17 of the Local Government Code and AFMA Re: Design, Construction, Management, and/or provision of Irrigation, Small Water Impounding Projects, Farm Machinery, Post Harvest Facilities, farm-to-market roads, agricultural and fishery infra projects, agricultural engineering R & D and extension services by the LFGUs in relation to the Philippine Agricultural Engineering Law.

3) **MC No. 2006-07**- To all Governors, City/Municipal Mayors and Sangunian Panlalawigan/Panlungsod/Bayan- Supplementing MC No. 11, series of 2005

4) **MC No. 2007-02**- To all Presidents of all agri-fishery based Colleges and Universities- Compliance with the Philippine Agricultural Engineering Act of 1998 and the minimum standards on the BSAE Program

5) **MC No. 2007-06**- To DA, DAR, DILG, GOCCs, LGUs and ARMM- Compliance with the Philippine Agricultural Engineering Act of 1998 and its Implementing Rules and Regulations

6) **MC No. 2008-18**- To all City and Municipal Building Officials, Implementation of R.A. No. 8559 in the processing and approval of building permits for agricultural buildings required under the National Building Code of the Philippines

7) **MC No. 2009-09**- To DA, DAR, DPWH, DENR, LGUs and ARMM- Implementation and Enforcement of R.A. No. 8559 in the identification, validation, design and construction of farm-to-market roads

8) **MC No. 2010-14**- “Implementation Plan for 2010-2012 of the Continuing Professional Education Program for Agricultural Engineers
Inter-Agency Memorandum Circulars/Resolutions facilitated by the BOAE

1) DILG Memorandum Circular No. 2001-25, and 2008-167- “Institutionalization of AE profession in the LGUs’;
2) DBM Budget Circular No. 2003-03- Reallocation of Agriculturist and Other Positions performing AE Works into various level of (Agricultural) Engineer Positions;
4) DA Administrative Orders Nos. 10, Series of 2002; 06, Series of 2003; 05, Series of 2005 and 07, Series of 2006- Adoption of the Philippine Agricultural Engineering Standards Volumes I, II, III, IV and V;
5) CSC Resolution No. 100759, “Qualification Standards of Agricultural Engineer Positions of the Department of Agriculture”
1) Approval by DPWH on the proposed additional rules and regulations of the National Building Code to implement R.A. No. 8559
2) Delineation of the practice of agricultural engineering and electrical engineering insofar as agricultural electrification
3) Review of the Rules and Regulations on the signing and sealing of plans and agricultural engineering documents by licensed agricultural engineer
4) BOAE MCs on the enforcement of AE Law in: AFMA, CARP Law, Renewable Energy Law, Coop Code, Irrigation Program Implementation, Agricultural machinery Projects Implementation and Issuance of ECC
1. POLICY DEVELOPMENT

1.2. Legislative lobbying

✓ Agricultural and Fishery Mechanization Law - nearing approval by the House of Representatives

☐ creation of Bureau of Agricultural Engineering at DA as recommended by DBM
2. REGULATION, ENFORCEMENT & MONITORING ON THE PRACTICE OF AGRICULTURAL ENGINEERING

2.1. Conduct of reliable and trustworthy licensure examination:

- Full Implementation of the Table of Specifications in licensure exam
- Assess quality of AE Education - Joint BOAE-CHED school inspections
The Philippine Development Plan 2011-2016
(Social Development)

Targets for National Passing Rate in Licensure Exams

2011: 45.84
2012: 47.04
2013: 48.39
2014: 49.72
2015: 50.94
2016: 52.53

AE Licensure Passing Rate:

2008: 37.74
2009: 29.83
2010: 44.84
2011: 47.80
Performance in the AE Licensure Examination (2000-2011)
2. REGULATION, ENFORCEMENT & MONITORING ON THE PRACTICE OF AGRICULTURAL ENGINEERING

2.2. Registration and licensing of agricultural engineers

- AE Registry Updating
- Aggressive campaign on the renewal of professional licenses
- Improved implementation of COGs
Renewal of Professional Licenses of Agricultural Engineers from 2000-2011
2. STRATEGIES

REGULATION, ENFORCEMENT & MONITORING ON THE PRACTICE OF AGRICULTURAL ENGINEERING

2.3. Code of Professional and Ethical Standards for Agricultural Engineers

- Develop, Update, Promulgate and Enforce the PAES
- Enforce the Code of Ethics and implement Anti-Corruption programs for Agricultural Engineers
2. REGULATION, ENFORCEMENT & MONITORING ON THE PRACTICE OF AGRICULTURAL ENGINEERING

2.4. Ocular Inspection & Monitoring of schools offices and establishments

✓ Inspected: DA – OSEC, BAI, ATI, BPI, BFAR, RFUs 1, 3, 8, 10, 11, PhilRice, PCC, PhilMech, NMIS, NFA, NIA; DAR, DENR, LGUs – Munoz, Butuan, Tacloban, Leyte, La Union, Misamis Oriental
2. REGULATION, ENFORCEMENT & MONITORING ON THE PRACTICE OF AGRICULTURAL ENGINEERING

2.4. Ocular Inspection & Monitoring of schools offices and establishments

✓ Operationalize BOAE-PSAE MOA on AE Law Compliance Monitoring
Operational Structure
Advocacy and Monitoring of R.A. No. 8559 Implementation pursuant to BOAE and PSAE MOA

PRC-BOAE

Joint Management Committee
To be composed of: BOAE, PSAE and PRC

PSAE National Board

PSAE Regional Chapters

PSAE Provincial Chapters

Provincial Coordinating Committee
- PSAE Provincial Chapter shall act
- If none, to be organized by PSAE Reg’l/National Board

City Coordinators

Municipal Coordinators

Coordinate and monitor AE Law implementation with all government agencies and private organizations

Submit/Endorse Reports of City/Municipal Coordinators

Submit/Endorse Reports

Copy furnish Reports

Hear and Investigate reports on violation

Submit Reports
2. STRATEGIES

2.5. Adjudication and Investigation

✓ Adjudication of Administrative cases involving registered agricultural engineers

☐ Six (6) administrative cases filed—all on Orcullo case including his countercharge for the revocation of his professional license
2.5. Adjudication and Investigation

- Investigation on violations of agricultural engineering practice

- One (1) case filed against two employees of COA for illegal practice in the auditing of government AE Projects
3. PROFESSIONAL DEVELOPMENT

3.1. Renewal on the Accreditation of PSAE as Accredited Professional Organization (APO)

✓ Issued BOAE Resolution No. 2, series of 2010 for the Renewal of PSAE as APO
NOW, THEREFORE, in view of all the foregoing, the Board RESOLVES, as it is hereby RESOLVED, to grant, subject to approval by the Commission, the PHILIPPINE SOCIETY OF AGRICULTURAL ENGINEERS (PSAE), the Petition for Renewal of Accreditation as the one Integrated National Organization of Agricultural Engineers; and to issue the Certificate of Accreditation.

Accordingly, it is hereby reiterated to the applicant Rule 4, Resolution No. 2004-178, Series of 2004, dated January 29, 2004, which read as follows:

"Cancellation of Accreditation. - A certificate of accreditation of an accredited professional organization shall be cancelled or suspended by the Commission or by the concerned professional regulatory board upon approval or concurrence by the Commission only after due hearing under any of the following grounds/causes:

1. The accredited professional organization has ceased to possess any of the qualifications for accreditation.
2. The accredited professional organization no longer served the best interest of the profession for which it was accredited.
3. The membership of the accredited professional organization falls 50% or below of those who have been issued their annual registration cards for the current year.
4. The accredited professional organization has committed acts inimical to its members and to the profession.
5. The accredited professional organization has not renewed its certificate of accreditation after a lapse of an unreasonable period from the date of its renewability.
6. The accredited professional organization and/or its chapter organizations has not submitted audited financial statements thereof."

FURTHERMORE, RESOLVED, this Resolution shall take effect after fifteen (15) days following the full and complete publication thereof in the Official Gazette or any newspaper of general circulation in the Philippines.

Let a copy of this Resolution be furnished the applicant for its information and guidance.

Done in the City of Manila this 14th day of April, 2010.

ARIODEAN C. RICO
Chairman

JUANA T. TAPEL
Member

FELIX M. TORRIZO
Member

ATTESTED TO:

CARLOS G. ALMELO
Secretary, Professional Regulatory Boards

RUTH R. PADILLA
Commissioner

ANTONIO S. ADRIANO
Commissioner
3. PROFESSIONAL DEVELOPMENT

3.2. Continuing Professional Education Program for Agricultural Engineers

- Reconstituted CPE Council
- Application of PSAE as CPE provider under process
- Adopted CPE Implementation Plan for 2010-2012
PROFESSIONAL DEVELOPMENT

3.2. Participation in international negotiations (MRAs, bilateral and international agreements)

- Organize briefings on MRAs, etc.
- Coordinate Agricultural Engineers participation in international negotiations
- Coordinate with NEDA, DOLE and DA on entry of foreign agricultural engineers in the country
3. PROFESSIONAL DEVELOPMENT

3.3. Philippine Agricultural Engineering Professions Roadmapping

- Rapid Assessment on the Competitiveness of Agricultural Engineers
- Preparation and Adoption of the Philippine Agricultural Engineering Profession Road Map
3. STRATEGIES

3.4. Professional Development

3.4. Address Job Mismatch and Unemployment Problems

☑ Establish and Implement a Philippine Agricultural Engineering Profession Info System
PHILIPPINE AGRICULTURAL ENGINEERING PROFESSION INFO SYSTEM

INDUSTRY

Philippine Society of Agricultural Engineers (Membership Database)

Confirm COGS and CPE Units

Confirm COGS and CPE Units

PRC/BOARD OF AGRICULTURAL ENGINEERING

- Registry/Profile of AEs
- AE Law Compliance Monitoring
  Data base of firms/offices

BANK

On-Line Application

Submit Application Form, PSAE COGS, etc. for License Renewal

CHED/Schools (Confirmation of Transcript of Records...)

LICENSURE EXAMINATION

Licensed & Registered Agricultural Engineer

Agricultural Engineering Graduate

RENEWAL OF PROFESSIONAL LICENSE

Get Certificate of Good Standing Membership (COGS), pay annual due via bank, and submit updated membership profile
3. PROFESSIONAL DEVELOPMENT

3.4. Address Job Mismatch and Unemployment Problems

✓ Public Info Campaign and awareness on AE Profession

☐ AE Info materials development and distribution for career guidance (CD, print, etc.)
☐ Massive Posting of AE Signboard
☐ Print, TV and Radio info campaign
3. PROFESSIONAL DEVELOPMENT

3.4. Address Job Mismatch and Unemployment Problems

✓ Advocate/Coordinate the creation of Agricultural Engineer positions and hiring of agricultural engineers in government, particularly in DA and LGUs, and private agencies
3.4. Address Job Mismatch and Unemployment Problems

✓ Improve Quality of Agricultural Engineering Education through CHED COD and National Agricultural and Fishery Education System (NAFES)
3.5. Participation in the First Professional Summit, February 27-29, 2012, SMX, Mall of Asia
First Professional Summit Program Design

Pre Summit Activities (June-August 2011)
1) PAPRB Semi-Annual Congress (June 17)
2) Professional Roadmapping Workshops
3) Meetings with APOs
4) Sectoral Workshops
5) Focused Group Discussions
6) Integration Workshop

Summit (September 22-23, 2011)
1) Plenary Conference & Workshops
2) Exhibitions (Sharing of Best Practices and Opportunities)
3) Job Fair

Components: 1) Strategies; 2) Programs and Projects; 3) Targets; 4) Implementors; 5) Budget; 6) Monitoring and Evaluation; and 7) Policy Support

Situationer, Issues and Problems in the Professions
Areas: 1) Regulation and Management, 2) Education, Training & Development; 3) Leadership & Governance, 4) Employment; and 5) Migration and Recruitment

Highly Skilled and Globally Competitive Professionals for National Development and Economic Prosperity

Summit Goal Processes
First Professional Summit Program Design
3.6. Awards for Outstanding Agricultural Engineers
5. Implementation of Farm-to-Market Road Projects. The appropriations provided under B.I.b intended for the repair, rehabilitation and construction of farm-to-market roads (FMRs) shall be released upon submission by the DA to DBM of a network plan for FMRs: PROVIDED, That the DA shall prepare the network plan for FMRs, in coordination with the LGUs and resident-farmers and fisherfolks taking into account the number of farmers and fisherfolks and their families who shall benefit therefrom and the amount, kind and importance of agricultural and fisheries products produced in the area: PROVIDED, FURTHER, That the DA shall prioritize (i) the areas where the majority of small farmers registered under the Small Farmers Registry System are located; (ii) the locations where there are a large number of subsistence fisherfolks as determined by the DA; and (iii) the provinces or regions where the absolute number of poor farmers and/or fisherfolks and the incidence of poverty are high as identified in the latest official poverty statistics of the NSCB: PROVIDED, FURTHERMORE, That the implementation of FMRs shall be based on the appropriate construction design prepared by the DA: PROVIDED, FINALLY, That for the construction of FMRs, the LGUs shall provide a counterpart of not less than ten percent (10%) of the project cost, subject to their IRA level pursuant to Section 52 of R.A. No. 8435.

The Secretary of Agriculture shall be responsible for ensuring that the network plan for FMRs, FMRs to be constructed for the year with the corresponding budgetary allocation, community of farmer and fisherfolk beneficiaries, status of implementation, and project evaluation and/or assessment reports are posted on the official website of the DA.
7. Implementation of Post-harvest Development Services and Facilities. The DA shall prepare a master plan for the post-harvest development services and facilities in coordination with the LGUs and resident-farmers and fisherfolks and taking into account the types of crops harvested and fish species, the facilities needed to preserve the quality of crops and fish species and reduce post-harvest loses, and such other factors affecting optimum level of crop production and fish preservation: PROVIDED, That the DA shall prioritize (i) the areas where the majority of small farmers registered under the Small Farmers Registry System are located; (ii) the locations where there are a large number of subsistence fisherfolks as determined by the DA; and (iii) the provinces or regions where the absolute number of poor farmers and/or fisherfolks and the incidence of poverty are high as identified in the latest official poverty statistics of the NSCB.

The amounts appropriated herein for the National Program for Rice, for Corn, for High Value Commercial Crops, and for Livestock shall be released only upon submission by the DA to the DBM of the foregoing master plan.