KOMITE BERSAMA (Kombers) KCMI (the NRO)

MISSIONS – HISTORY – PROGRESS – PLAN

Delegates:
1. Chairul Nas – President of Kombes KCMI
4. Andre Alis – Chairman of Competent Person Committee PERHAPI
5. Yoseph C. A. Swamidharma – Chairman of Competent Person Committee IAGI

Sponsors:

Presented in:
CRIRSCO ANNUAL MEETING
JAIPUR, 7 – 8 November 2016
MISSIONS

• To develop a CODE for reporting exploration results, mineral resources and ore reserves as a guideline to be followed for mineral and coal exploration and mining operations and projects in Indonesia

• To develop a SYSTEM for Competent Person Indonesia

• To establish an IMPLEMENTATION organisation and management for registration and management of Competent Person Indonesia

• To replace foreign reporting standard in Indonesia by registering the CODE and the CPI to International Reporting Standard - CRIRSCO
HISTORY

November 2009
• IAGI and PERHAPI establish a joint committee, Kombers KCMI, with tasks to develop:
  – a code (kode KCMI)
  – a system of competent Person (CPI - Competent Person Indonesia)
  – an implementation of CPI system (CPI organisation and management)
• Member of the joint committee totalling 27 persons, i.e.:
  – 11 persons from IAGI
  – 11 persons from PERHAPI
  – 2 person from Dir. Gen. Mineral and Coal Resources (MINERBA)
  – 2 person from Indonesian Geological Survey (Badan Geologi)
  – 1 persons from Indonesian Stock Exchange (IDX)

March 2011
• Completion of milestone #1 – development of materials i.e:
  • The code – Kode KCMI
  • The system – CPI
  • The implementation organisation and management

December 2011: After of series of socialization, verification of 1st batch CPI

milestone #2 as end 2015: CPI-IAGI = 107 and CPI-PERHAPI = 92

Since 2015: milestone #3 – replacing foreign standard with an internationally accepted code
CURRENT STATUS (organization of Kombes KCMI)

- IAGI and PERHAPI agree for their members to be regulated
- Other Professional Associations are currently being approached
- IAGI and PERHAPI has code of ethic to conduct disciplinary action to all members of organizations
- Kode KCMI is applied to all members in PERHAPI but only applicable members in IAGI
- Acceptance of CPI through verification
- By law by MINERBA, applied by May 2017; commitment to use by MINERBA and IDX

*by law: MINERBA
*used by MINERBA and IDX
CURRENT STATUS (Management System CPI)

• Registrar responsible for socialization, screening and register the candidate to be verified, then looking for verificator from available CPI who able to assess competency of candidates then administer the remaining process.

• Working group is invited based on competency of applicant with task to approve candidate, otherwise fail.

• Board of honors selected by President of each association to monitor practice of its member.

• Area competency is designed based on field of experience.

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<table>
<thead>
<tr>
<th>Member of Perhapi/IAGI</th>
<th>Registrar IAGI or PERHAPI</th>
<th>Working Group (verificator)</th>
<th>Board of honours IAGI or PERHAPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>applicant</td>
<td>registration</td>
<td>verification process</td>
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<td></td>
<td>approval for compliance to requirements</td>
<td>approved?</td>
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<td>registered CPI</td>
<td>Award certificate</td>
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<td>practice</td>
<td></td>
<td>Ad hoc team</td>
<td>monitoring</td>
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<td></td>
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<td>renewed annual registration</td>
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Ad hoc team: disciplinary committee created to assess complaint.

Selected Area of Competencies:

<table>
<thead>
<tr>
<th>Competent Person Indonesia</th>
<th>Exploration Results</th>
<th>Mineral/Coal Resources</th>
<th>Mineral/Coal Reserves</th>
</tr>
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<tbody>
<tr>
<td>coal</td>
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<tr>
<td>precious &amp; base metals</td>
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<tr>
<td>ferrous (steel) metals</td>
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<tr>
<td>Industrial minerals</td>
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<td>Special metals (REE, U, Th etc)</td>
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Kombes KCMI PLAN

• Revisit milestone #1 – development of materials to support milestone #3 – international acceptance (CRIRSCO)

• Strengthened socialization to increase CPI ratio (currently 200 per more than 4000 tenements in Indonesia) to IAGI & PERHAPI members or to other organisation

• Strengthened Kombes KCMI position to be able to regulate professional association