

# Preparing the Brawijaya University To Be A Role Model in Energy Efficiency

## The action plan

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Presented by:

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**Key Learning Items from OSM on Innovative enterprises  
implementing energy management system(ISO 50001)**



<b>Innovation Theme</b> (Please include the target value as well.) <b>Preparing the Brawijaya University To Be A Role Model in Energy Efficiency</b>	<b>Reason for selecting innovation theme:</b> 1) <b>The one of the largest university</b> 2) <b>High energy use/electricity consumption</b>	Process plan

Challenges	Plan for Innovation
1) Student-body involved: 65,000 students 2) Administration staffs: ± 3000 staffs 3) Lecturer/ researchers : ± 1500 Lecturers 4) 12 faculties and 157 study program 5) Many storey buildings for: academic, reasearch laboratory, hospital, and administration 6) Occupancy of the buildings is very high 7) The energy audit has never been implemented 8) The ISO50001 has not been implemented 9) Some experties available in the organization	1) To setup the energy management team 2) To prepare the requirements of the ISO50001 3) To setup the baseline 4) To setup the target and policy 5) To implement the main characteristics of ISO50001 in the organizaton

<b>Problem Contents</b> 1) Energy policy has not been established 2) Awareness of EnMS has not been established	<b>(Expected ) Effects</b> 1) Being aware of efficiency energy/ energy consumption 2) Reduced energy consumption and also energy billing reduction
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<b>Specific &amp; Concrete innovation Contents</b> 1) Energy audit to establish the baseline, target, and policy 2) Approches to the top managements	(Short-term) Action Plans to be implemented by 30 (day) 12 (month) 2014 (year)
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Keterangan:

- 1) FISIP
- 2) Fakultas Teknik
- 3) Fakultas Ilmu Administrasi
- 4) Program Kedokteran Hewan
- 5) Fakultas Ekonomi
- 6) Fakultas Teknologi Pertanian
- 7) Ukm dan EM
- 8) Sakri
- 9) Gor Pertamina
- 10) SC (Student center)
- 11) masjid raden fattah
- 12) Asrama
- 13) PTIIK
- 14) Program Vokasi
- 15) Fakultas Kedokteran
- 16) Fakultas Ilmu Budaya
- 17) REKTORAT
- 18) Fakultas Hukum
- 19) gedung widyaloka
- 20) Fakultas MIPA
- 21) Fakultas Peternakan
- 22) Fakultas Perikanan dan Ilmu Kelautan
- 23) Fakultas Pertanian





