EECCHI

Energy Efficiency and Conservation Clearing House Indonesia

ANDRIAH FEBY MISNA

Directorate General of New Renewable Energy and Energy Conservation (DGRNEEC)

Ministry of Energy and Mineral Resources (MEMR)

Current Condition

Indonesia is the biggest archipelago country



Total Area 1,904,569 km²

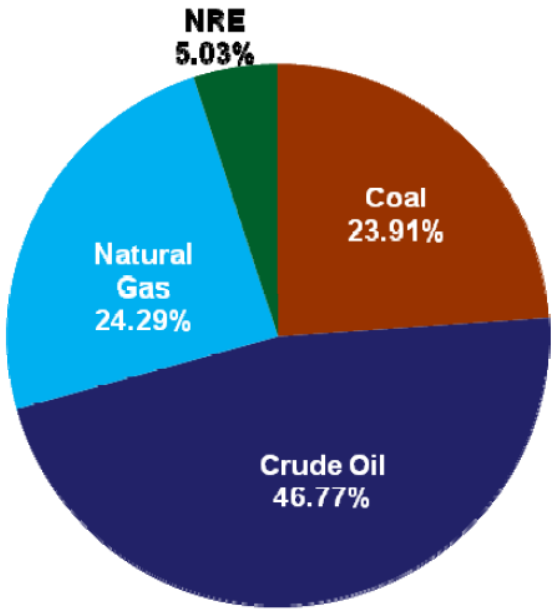
1,340
tribes (2010)

33 provinces

17,508 Islands

ENERGY CONDITION OF INDONESIA

National Energy Mix
Total on 2011
1176 million BOE



Elasticity of Energy = 1,60
Share of Non Fossil Energy ≈ 5%

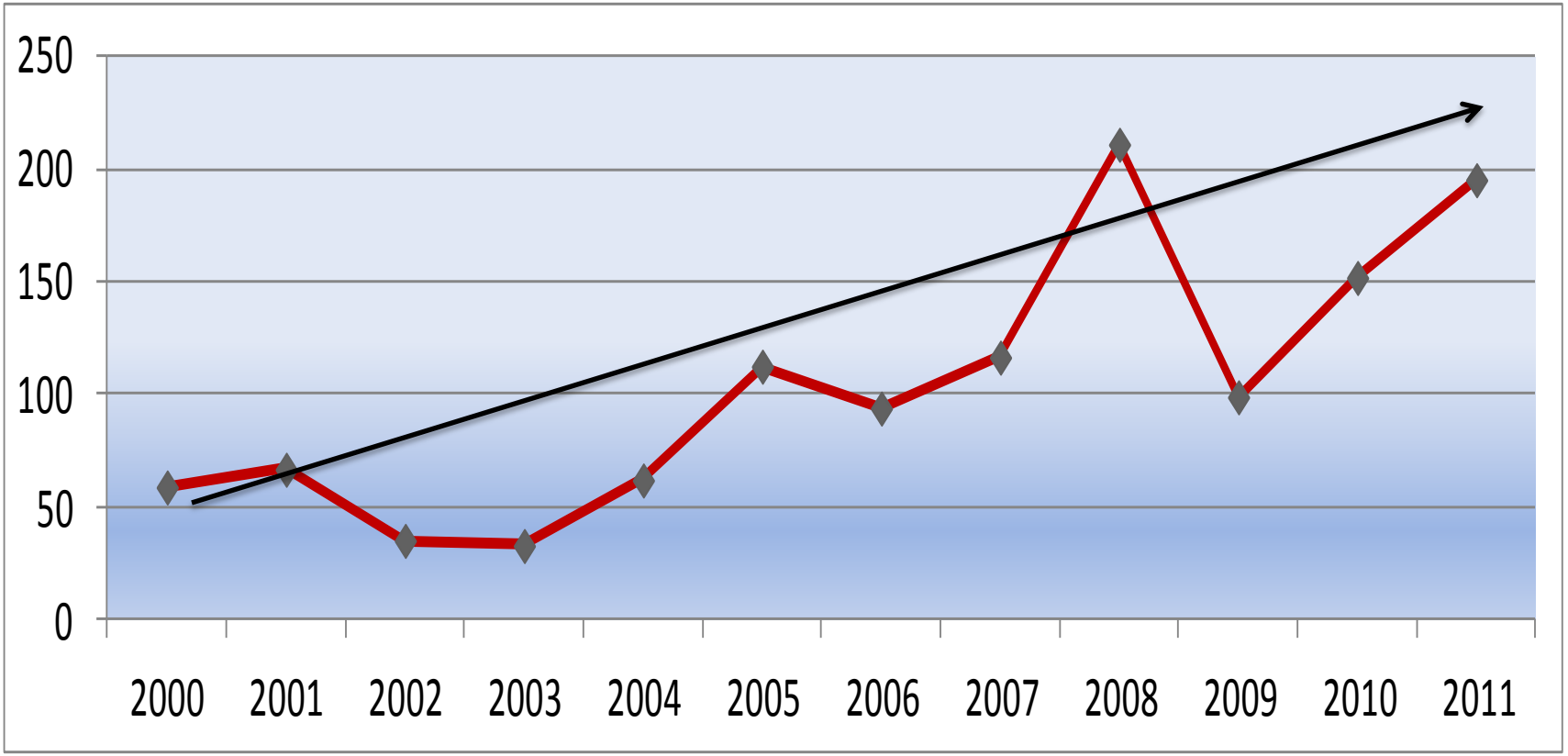
1. **The average of growth rate of energy consumption is 7% per year ;**
2. **High dependence on fossil energy while it reserves are more limited;**
3. **Utilization of renewable energy is still low and implementation of Energy Conservation is not optimal;**
4. **Public access to energy (modern) is still limited:**
   a. **Electrification ratio of year 2011 is 72.95 % (27.05 % of households not yet electrified);**
   b. **Less of development of energy infrastructure particularly in rural / remote areas and outer islands .**
5. **Linkage to environmental issues:**
   a. **Mitigation of climate change;**
   b. **National commitment to reducing emissions 26% by 2020;**

Challenges & Potencies

Challenges

Energy is still subsidized

(IDR Trillion)



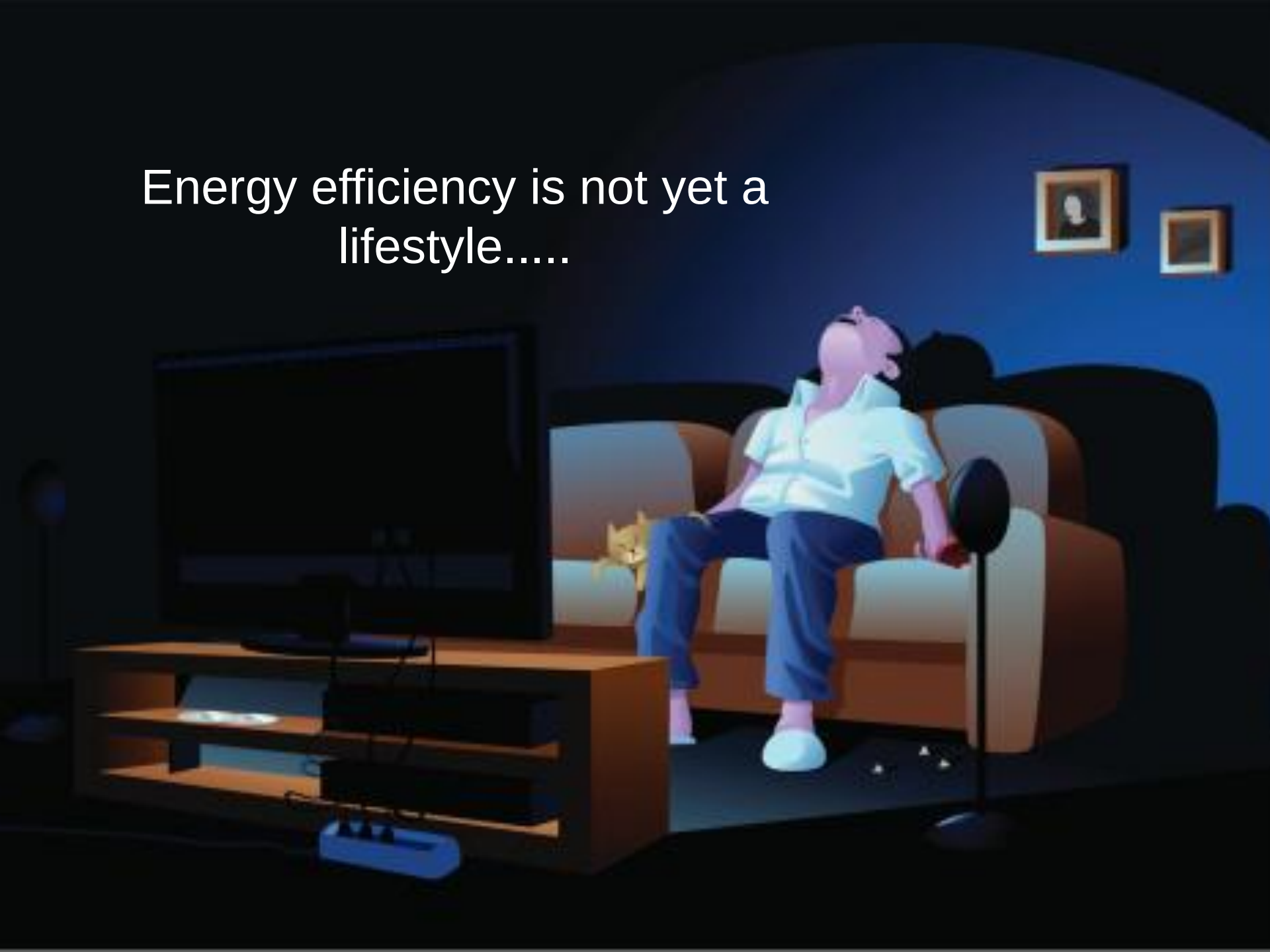
Economic Growth







Energy efficiency is not yet a lifestyle.....



POTENTIAL OF ENERGY CONSERVATION

Sector	Potential of Energy Conservation (%)
Industrial	18
Transportation	35
Residential	30
Commercial	25

Source : RIKEN









Energy Efficiency and Conservation Clearing House Indonesia (EECCHI)

HISTORY

The unit under the DGRNEEC, MEMR, was developed as part of the Environmental Support Program (ESP) 2 from Danish Government, through Energy Efficiency in Industrial, Commercial and Public Sector (EINCOPS). Upon Establishment the operation is still supported by Danish Government until end of 2012

MINISTRY OF FOREIGN AFFAIRS OF DENMARK
DANIDA | INTERNATIONAL DEVELOPMENT COOPERATION

Establishment

Established in March 2011
With purpose to be "Proactive Information Centre on Energy Efficiency"



Low Energy Office

Office located in DGE Office MEMR, Jl. Rasuna Said Kuningan



ROLES of EECCHI

EECCHI
Energy Efficiency and Conservation Clearing House Indonesia

INFORMATION

- Website
- Calculator
- Portal
- Twitter & Facebook
- EE Documents (bilingual)
- Database of Suppliers

ENGAGEMENT

- Twitter
- Facebook
- Consultation
- Media Support

CAPACITY BUILDING

- Courses
- Outreach (Schools Universities, Local Government, Companies, Communities. etc.)

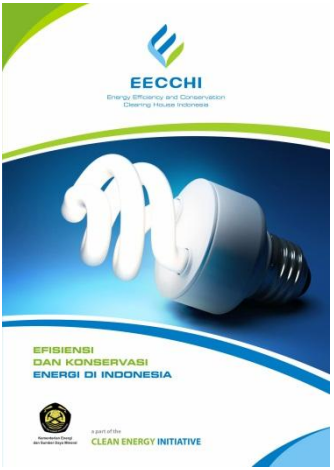
www.konservasienergiindonesia.info
www.energyefficiencyindonesia.info
@EECCHI
EECCHI (Facebook Username)

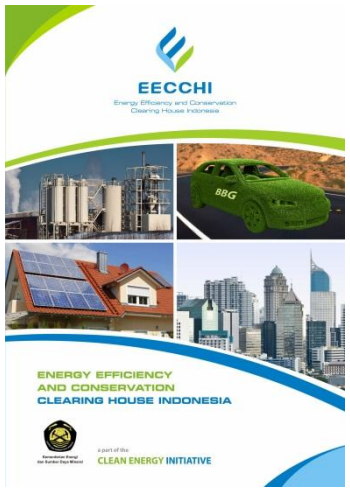
TRAINING in fun way ; games





Campaign Materials

















Roll-Up BANNER





AWARDS and CHALLENGES




Ministry of Foreign Affairs of Denmark
HOME & SCHOOL
ENERGY CHAMPION 2012
PAY TO THE ORDER OF : MANAJER ENERGI TERBAIK
AMOUNT : DUA JUTA RUPIAH
IDR 2.000.000
DANIDA
ECCHI

Support for COMPANIES

EECCHI
Energy Efficiency and Conservation Clearing House Indonesia

INTRODUCE EE

Information Materials;

Stickers, brochures, Posters, EE Guidelines

CAPACITY BUILDING

Course/training

Energy Saving With Changing Behavior (energy Switch Behavior)

6 months free consultancy program on behavioral change in company

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EECCHI (Facebook Username)

E- Switch (Energy **S**aving **WIT**h **Ch**anging Behavior)




STYLE GUIDE



Support for LOCAL GOVERNMENT

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CAPACITY BUILDING

- Short Training (3 days)
  - 1 day workshop
  - 2 days technical practice
- Information Materials: Comic on Presidential Decree, stickers, brochures, posters

GREEN TEAM

- Capacity Building for 10 Provincial Government
- Building Performance Evaluation

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KASUBAG
SUPRIADI

Support for EDUCATION INSTITUTIONS

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SCHOOLS

- Module for Extra Curricular Activities
- Monthly Challenges
- School Competition

UNIVERSITIES

- Outreach Program
- Training to do Building Performance Evaluation

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THE HOME AND SCHOOL ENERGY CHAMPION 2012







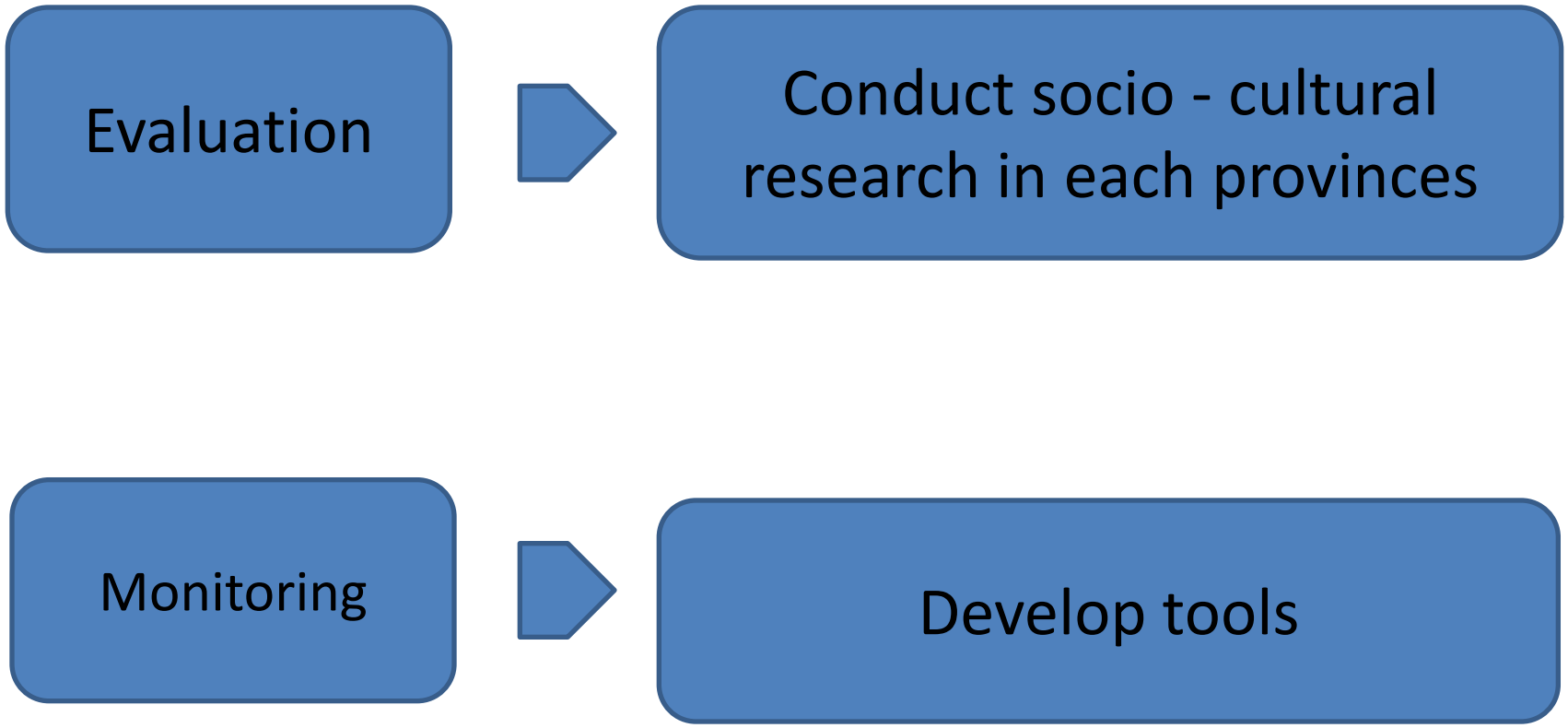
First Winner of Drawing Challenge

Home and School Energy Champion 2012


CBLU


Capacity Building for Local Universities
Ministry of Foreign Affairs of Denmark
DANIDA
International Development Cooperation
EECCHI
Danish Energy Management A/S
Organized by:

Next Step


Evaluation
Conduct socio - cultural research in each provinces
Monitoring
Develop tools

THANK YOU

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