



STATUS, ISSUES & PLANS ON MANDATORY EE&C BUILDING CODES IN MALAYSIA

HAMIZAN BIN HUSAIN

Ministry of Energy, Green Technology and Water, MALAYSIA



OBJECTIVES OF PRESENTATION

To inform on status in rolling-out mandatory EE&C building codes in Malaysia

To inform on issued faced in rolling-out mandatory EE&C building codes in Malaysia with countermeasures and future plan



CONTENTS OF PRESENTATION

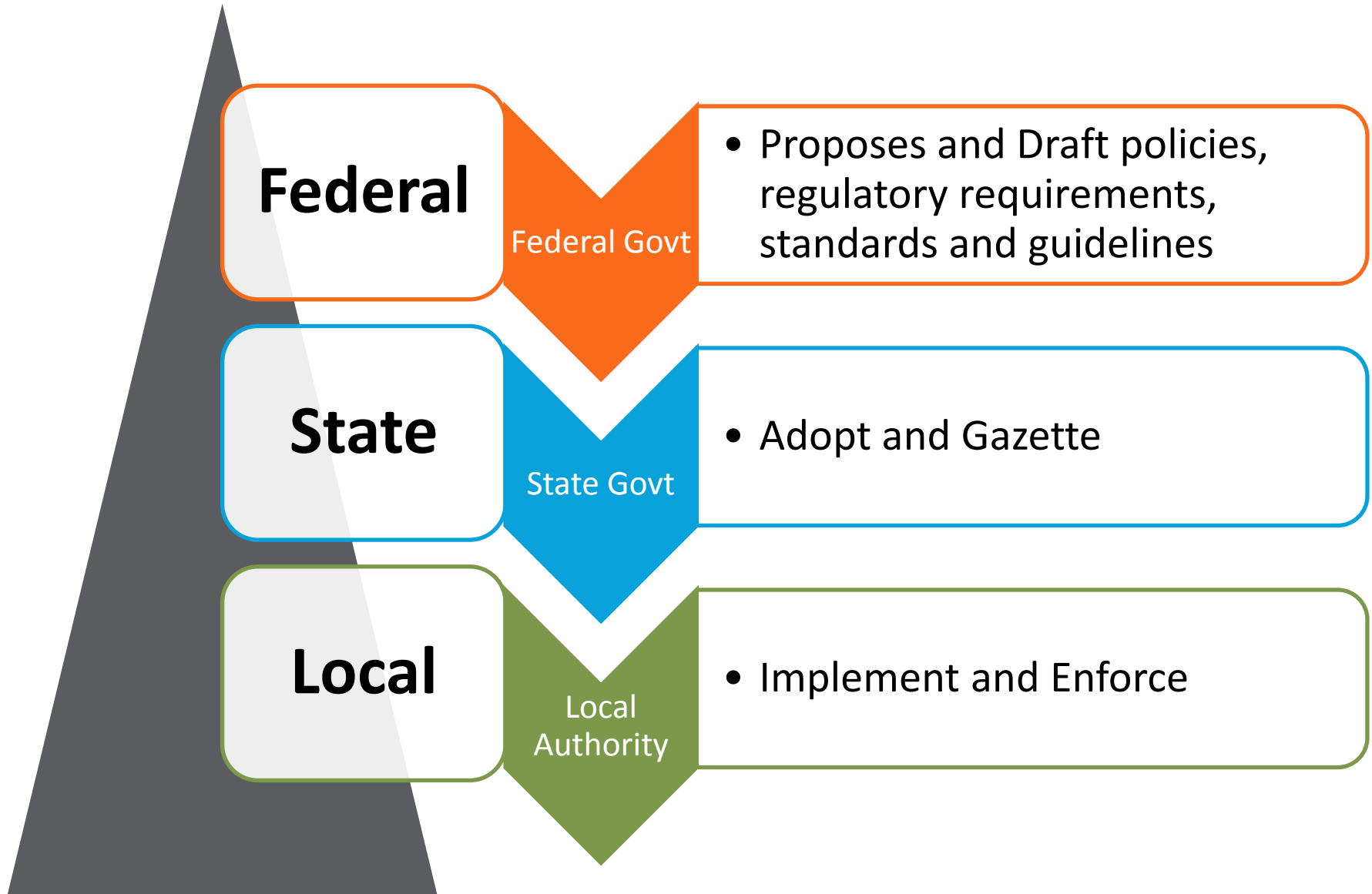
Status

Issues

Countermeasures

Future Plan

REGULATORY STRUCTURE





CURRENT STATUS

- ❖ **Legal instrument for building code enforcement in Malaysia – Uniform Building By-Laws (UBBL) 1984, a subsidiary regulation under Street, Drainage and Building Act 1974**
- ❖ **Covers critical safety and design features of buildings**
- ❖ **Enforced by local authorities – city, town, district**
- ❖ **UBBL features enforceable by local authorities are subjected to prior gazetting by state governments**
- ❖ **EE features for buildings are based on MS 1525**



MALAYSIAN STANDARD

MS 1525:2014

Energy efficiency and use of renewable
energy for non-residential buildings - Code of
practice
(Second revision)

ICS: 91.040.01

Descriptors: energy efficiency, renewable energy, non-residential, buildings, code of practice, energy

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DEPARTMENT OF STANDARDS MALAYSIA

- A home-grown standard for energy efficiency & renewable energy in non-residential buildings
- A collaborative effort of public & private sectors
- 1st edition: 2007
- 2nd edition: 2014



ISSUES

- ❖ **Extracts from MS 1525 incorporated into Federal UBBL through 2012 amendment**
- ❖ **As of November 2016, only 2 states adopted and gazetted 2012 amendment – Selangor & Terengganu**
- ❖ **Constitutional framework granted autonomy to states to adopt and gazette features based on selection**
- ❖ **Majority state governments do not share inclination to adopt MS 1525**

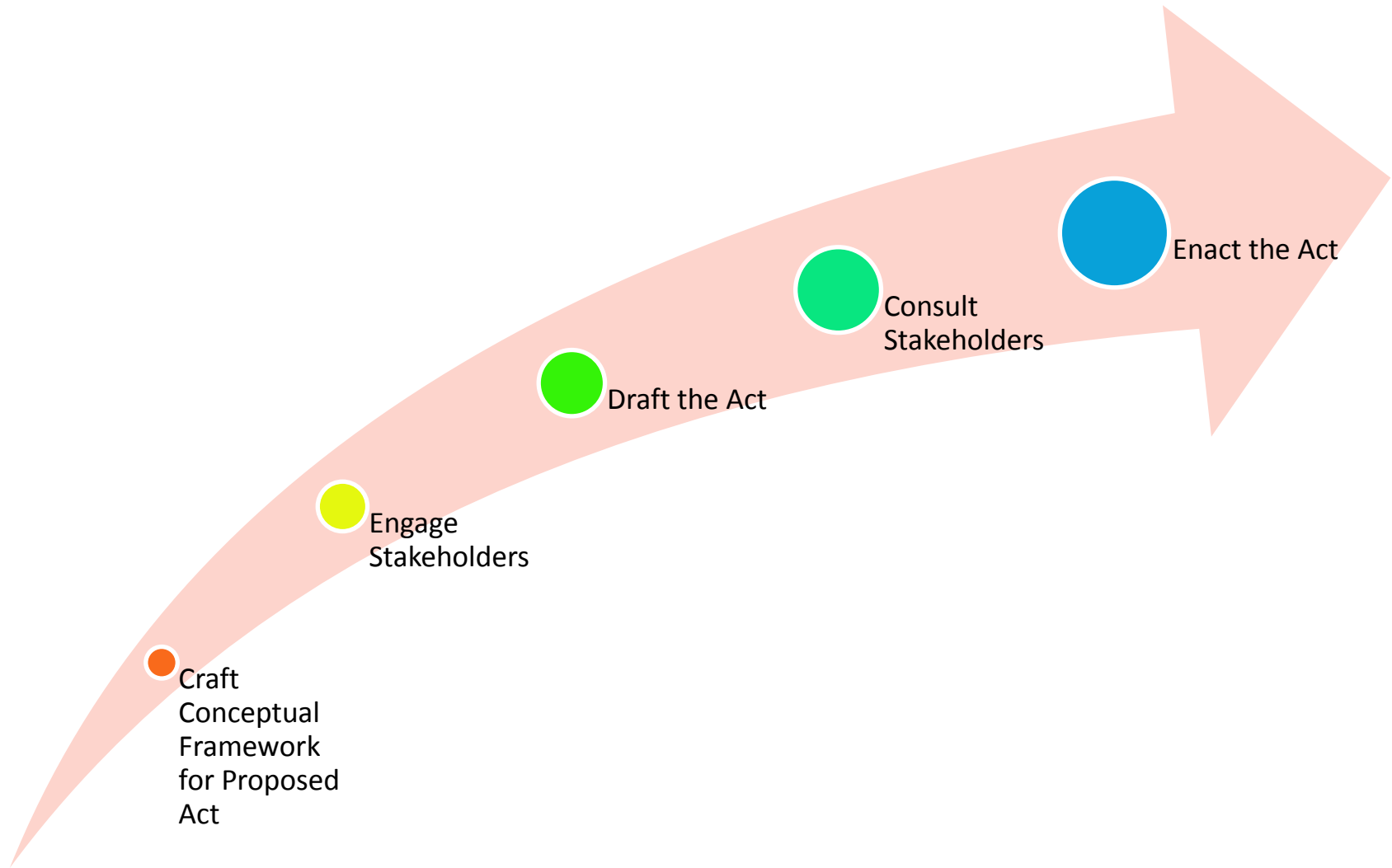


COUNTERMEASURES

- ❖ **To propose, draft and enact Energy Efficiency & Conservation Act**
- ❖ **Proposed act to include provision for mandatory EE features in buildings**
- ❖ **EE provision in proposed act to supersede EE features in UBBL**



FUTURE PLAN





THE END, THANK YOU.