

# LED Stakeholder Workshop Options for Domestic Initiatives

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# Key Options

- Public Information / Education
- Voluntary Standard / Guidelines
- Labelling
- Minimum Energy Performance Standard (MEPS)
- High Energy Performance Standard (HEPS)
- Wait for International Standard



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# Public Information / Education

- Web based
- Fact sheets
- Information on quality parameters
- Guidance for product selection
- Linkages to existing performance schemes
- Unlikely to include broader advertising in media



# Voluntary Standard / Guidelines

- Identify key performance criteria based on consultation, product testing, and using existing international standards where possible
- Possibly developed through Standards Australia
- Advise testing through accredited labs?
- Not enforceable
- Combine with web based information
- Possibly back up with some product testing and publication of results



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# Labelling

- Information Labelling
- Performance labelling
- Define parameters (and performance levels)
- Mandatory or voluntary
- Would require education support
- Administration
- Compliance testing for mandatory labelling
- Assists consumers in selecting products
- Encourages suppliers to supply quality products



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# Minimum Energy Performance Standard (MEPS)

- Define Parameters and performance levels
- Just efficiency or also quality? (needs justification)
- Standards development process
- Base on existing standards where possible.
- Create 'basic' MEPS in advance of international standard?
- Resource intensive – requires registration, education, compliance



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# Minimum Energy Performance Standard (MEPS)

- Removes poorly performing products from market
- Provides assurance to consumer
- Ensures energy is saved at comparable levels to other efficient options



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# High Energy Performance Standards (HEPS)

- Set of performance parameters with levels that only higher performing products will meet
- Encourages product improvement
- Good consumer guide
- Does not remove poorly performing products from market
- Requires standard development – could be based on existing HEPS systems
- Requires administration – registration, education, compliance





# Issues

- Challenge between putting in place something soon vs putting in place an effective measure.
- All options other than education (**and voluntary label?**) will require formal government approval including approval by Ministerial Council on Energy and Regulatory Impact Statement.
- Resourcing will need to be considered within overall appliance energy efficiency budget.



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# Key Performance Attributes?

- Colour (maintenance, spectral output, spatial uniformity, UV)
- Lifetime, premature failure, rapid cycle switch, end of life behaviour
- Lumen maintenance
- Power Factor, harmonics
- Efficacy
- Claimed equivalence
- Dimming capacity



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# Let's Discuss



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