

Transport and Main Roads new harmonised asphalt specifications

Implementation and demonstration

Michael Pickering, Director (Pavements Research and Innovation |
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Government Priorities

Four pillars of the Queensland economy

Tourism

Agriculture

Resources

Construction

The Queensland Plan

A 30-year vision for Queensland



Our values



Customers
First



Ideas into
Actions



Unleash
Potential



Be
Courageous



Empower
People

We connect Queenslanders ...

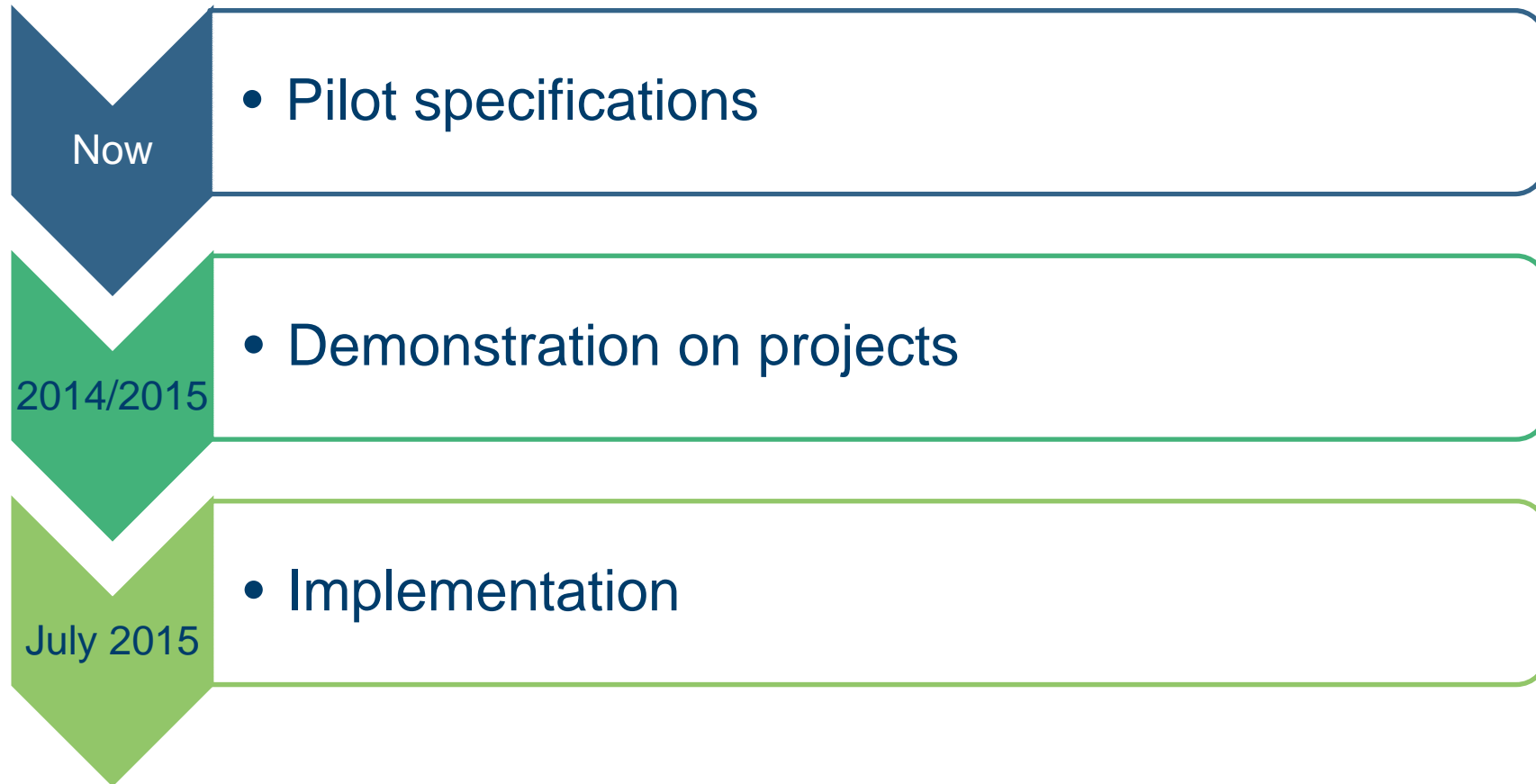
- We get people and industry moving
- We plan, we invest
- We deliver, we manage
- We regulate
- We help, we educate



Outline

- Timeline
 - Harmonised specifications.
- The future of
 - MRTS 30 and 31
 - Open graded asphalt.
- Demonstration projects
- Implementation considerations.

Timeline



The future

MRTS31 Heavy duty asphalt

- New specification will become MRTS31 from July 2015

MRTS30 Dense graded asphalt

- Proposing withdrawal on 30 June 2015

Asphalt for Transport and Main Roads (TMR)

- Use new specification for all TMR contracts from July 2015

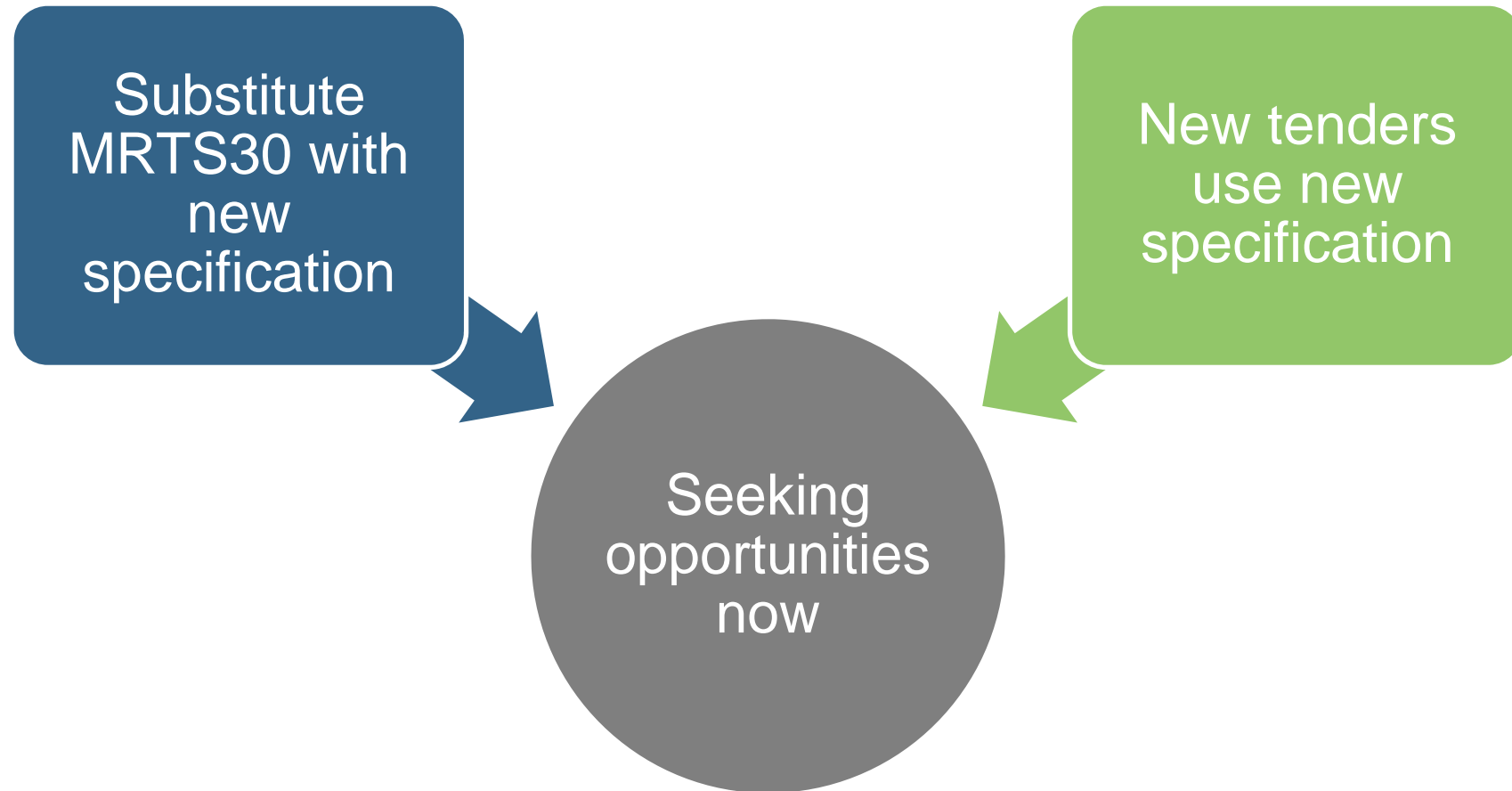
Only register mixes to new specification from July 2015

- Registration for existing contracts if needed

Open graded asphalt

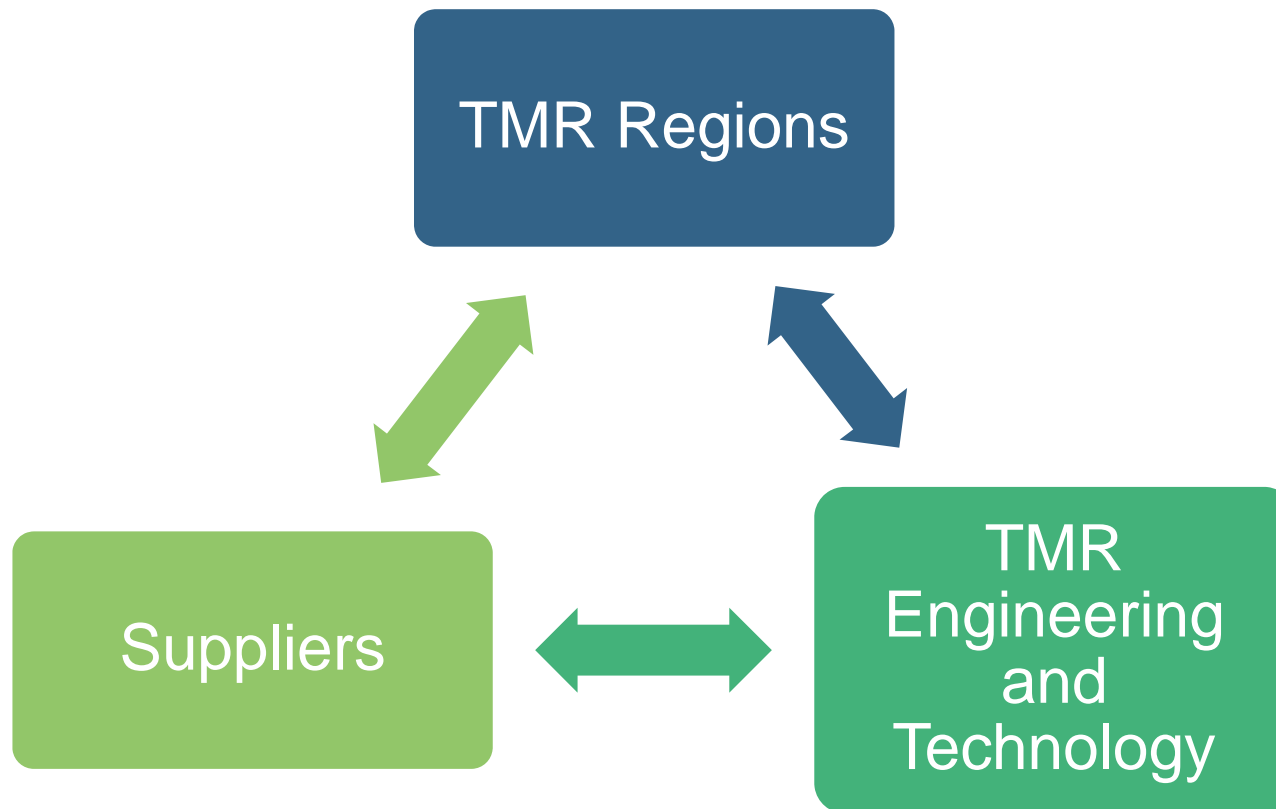
- New specification

Demonstration projects: Consider



Demonstration projects: Benefits

- Gain experience



Implementation considerations

- AAPA training
 - For suppliers, administrators, inspectors and supervisors
 - To achieve a common understanding.
- Development of mix designs
- Production trials.

Implementation considerations (continued)

- Waterproofing seals
 - Compaction
 - Permeability.
- Cost of asphalt versus total cost
- Monitoring of construction and performance
 - Auditing.

Pavements Research and Innovation

What we do

- Technical specifications including unbound granular materials, bitumen, sealing, asphalt and concrete
- Project specific technical specifications such as stone mastic asphalt, cement modified base, high standard granular, subgrade
- Guide notes, test methods and approved product lists
- Pavement design supplement
- Specialist technical advice
- Peer review
- Innovation assessment
- TMR/ARRB research
- Austroads
- Registration of asphalt suppliers and mixes
- Technical training.

Pavements Research and Innovation

Mike Pickering, Director
(Pavements, Research
and Innovation),
3066 7741

- Overarching and general enquiries
- Austroads Pavements Task Force

Peter Bryant, Principal
Engineer (Pavement
Design), 3066 7743

- Pavement design
- Concrete pavements
- Cement modified pavements

Narelle Dobson,
Principal Engineer
(Pavements and
Materials Development),
3066 7742

- Unbound pavement materials
- Recycled materials
- Heavy vehicles

Pavements Research and Innovation

Jason Jones, Principal Engineer (Asphalt and Surfacing), 3066 7726

- Asphalt
- Seals
- Surfacing

Barry Rule, Principal Advisor (Materials Testing), 3066 7719

- Asphalt supplier and mix design registration
- Bitumen and binders
- Pre-coating and anti-stripping (adhesion) agents

John Spathonis, Principal Manager (Research and Development), 3066 6465

- Mechanical engineering
- Austroads Technology Program Manager

Thank you
