



2023 NOCoe TSMO Trends

TSMO Trends Survey

August 25, 2023

Presenters



Adam Hopps

Technical Services and Communications
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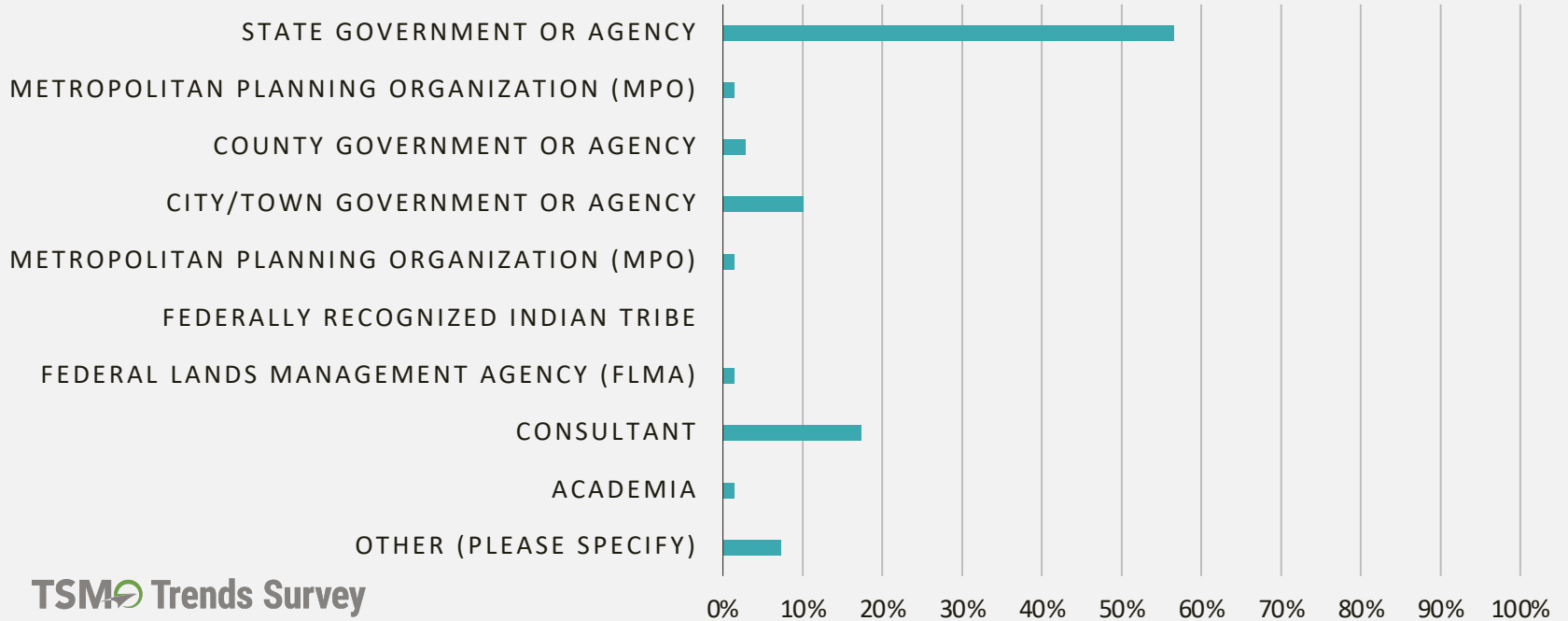


Faisal Saleem

Director
fsaleem@ashto.org

Your agency is a:

TOTAL SURVEY RESPONDENTS: 69

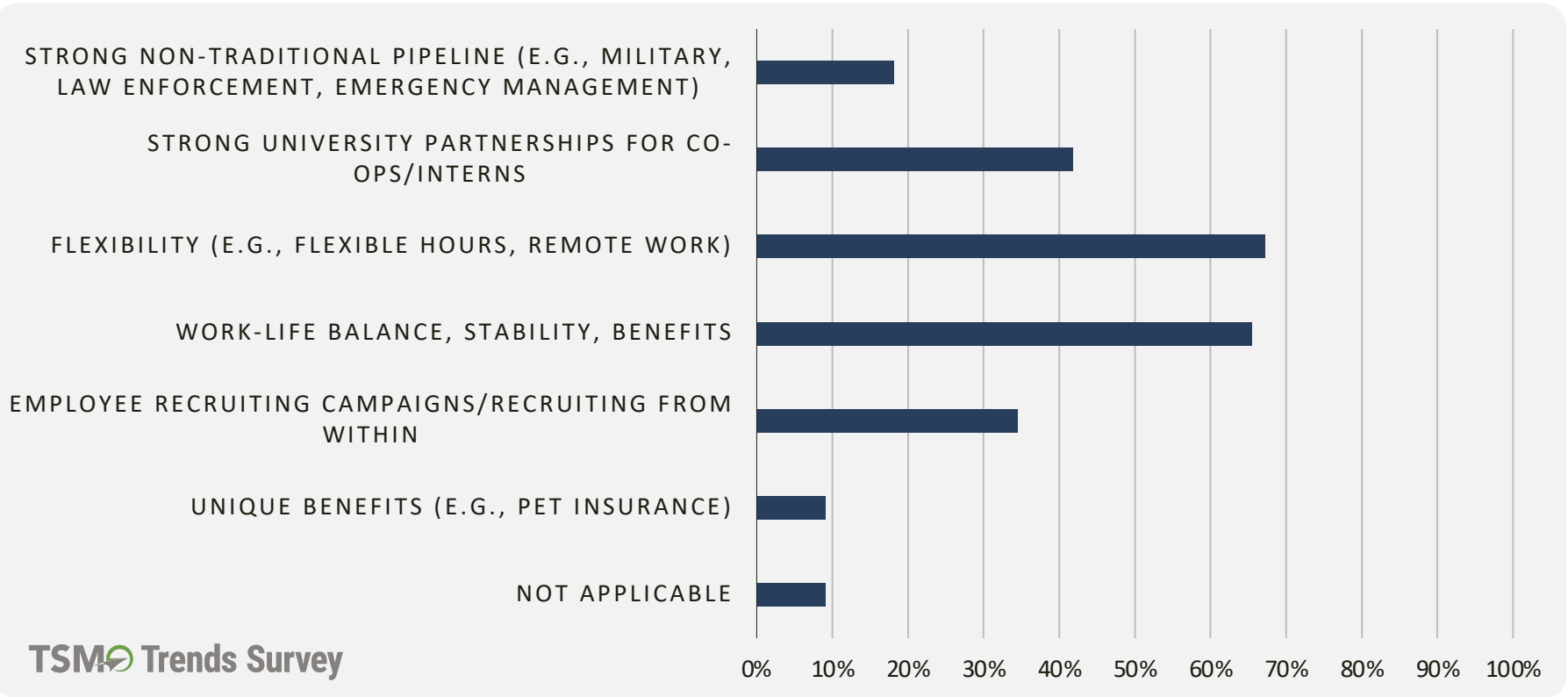


TSM Trends Survey

Part 1: Attract, develop, sustain, and expand the TSMO workforce

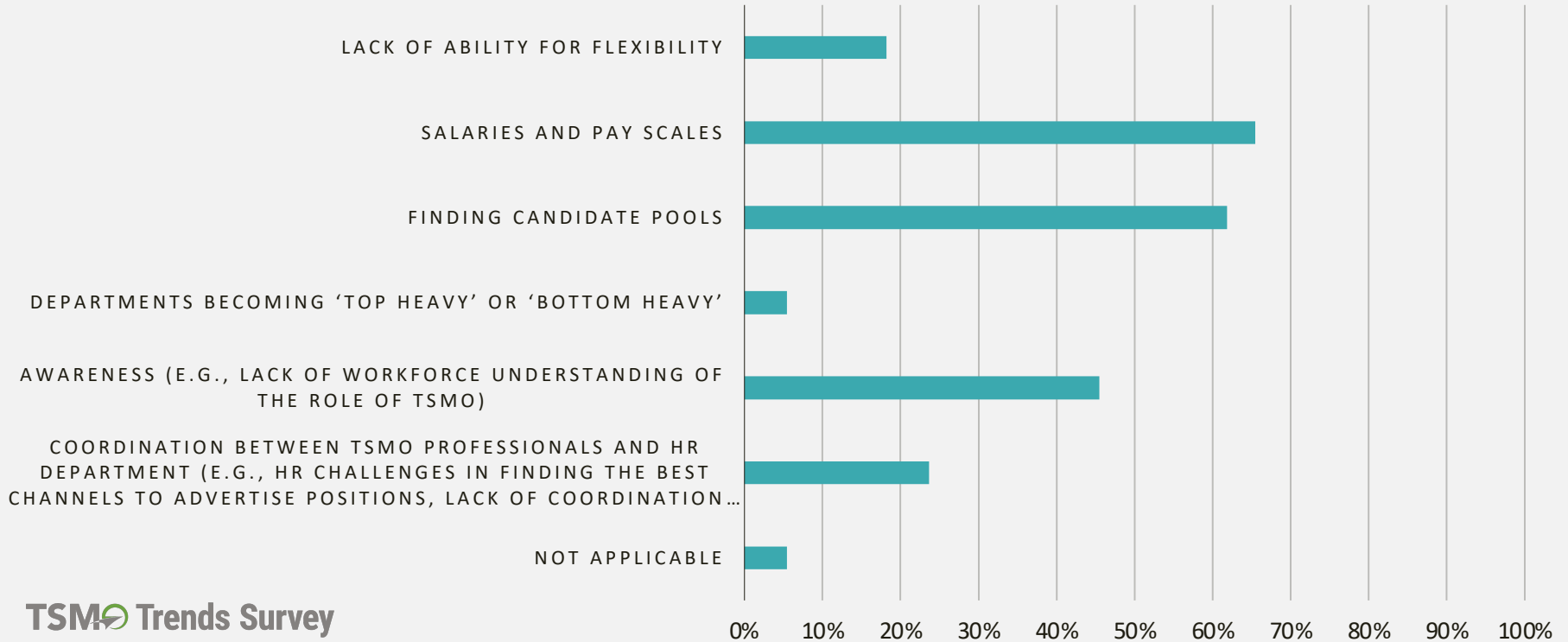
Recruitment: Strengths

TSMO workforce recruitment strategy strengths at your agency:



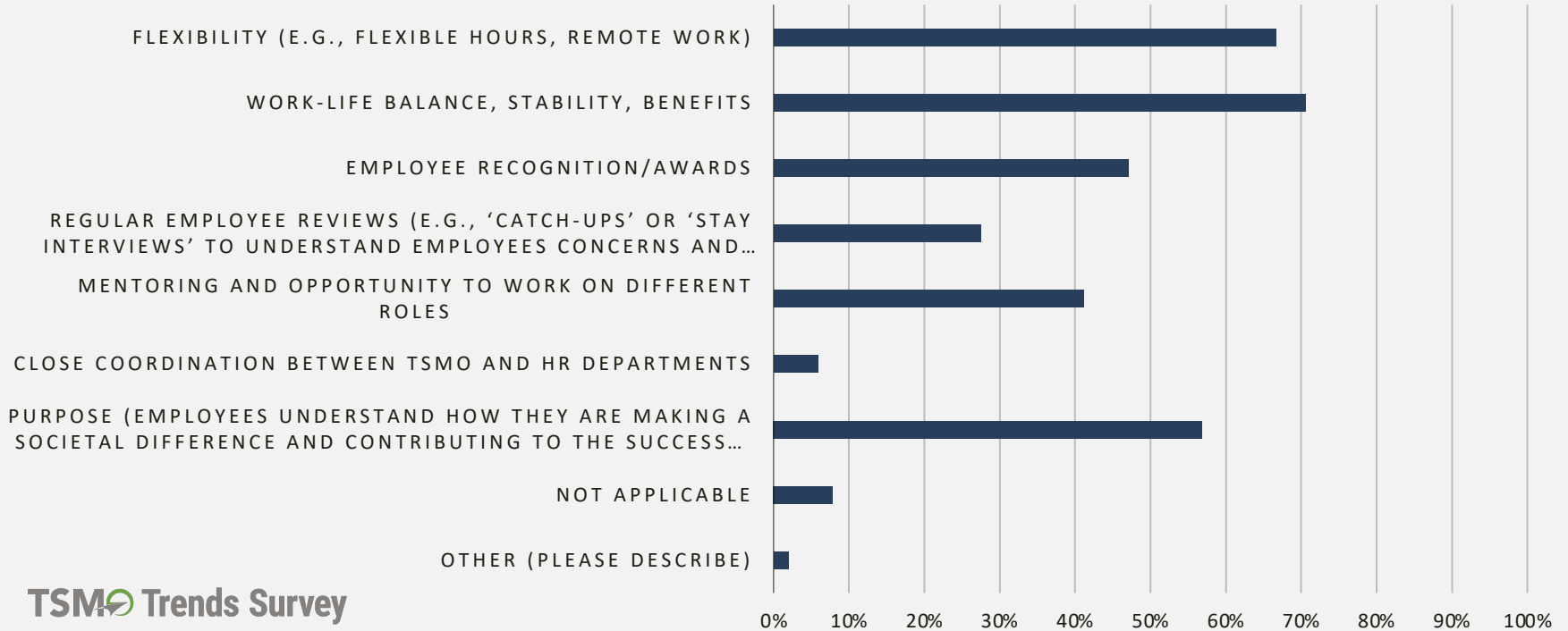
Recruitment: Challenges

TSMO workforce recruitment challenges at your agency:



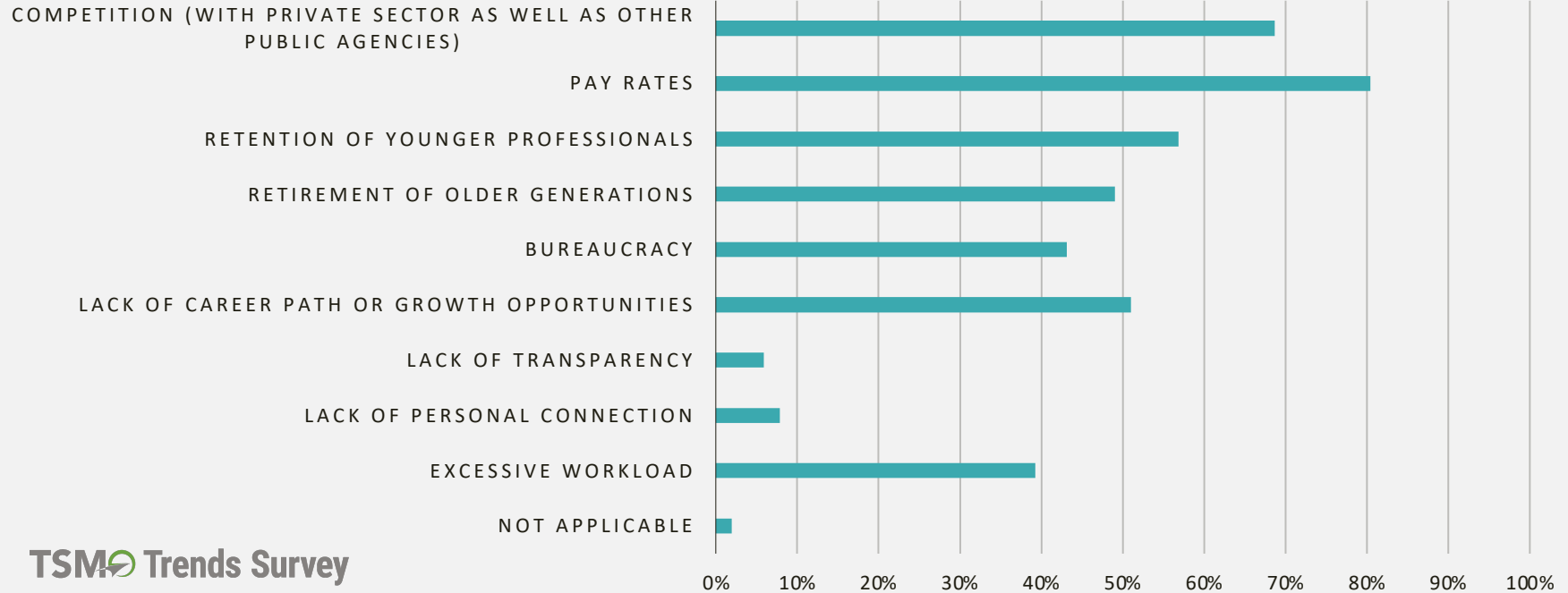
Retention: Strengths

Please select the TSMO workforce retention strategy strengths at your agency:



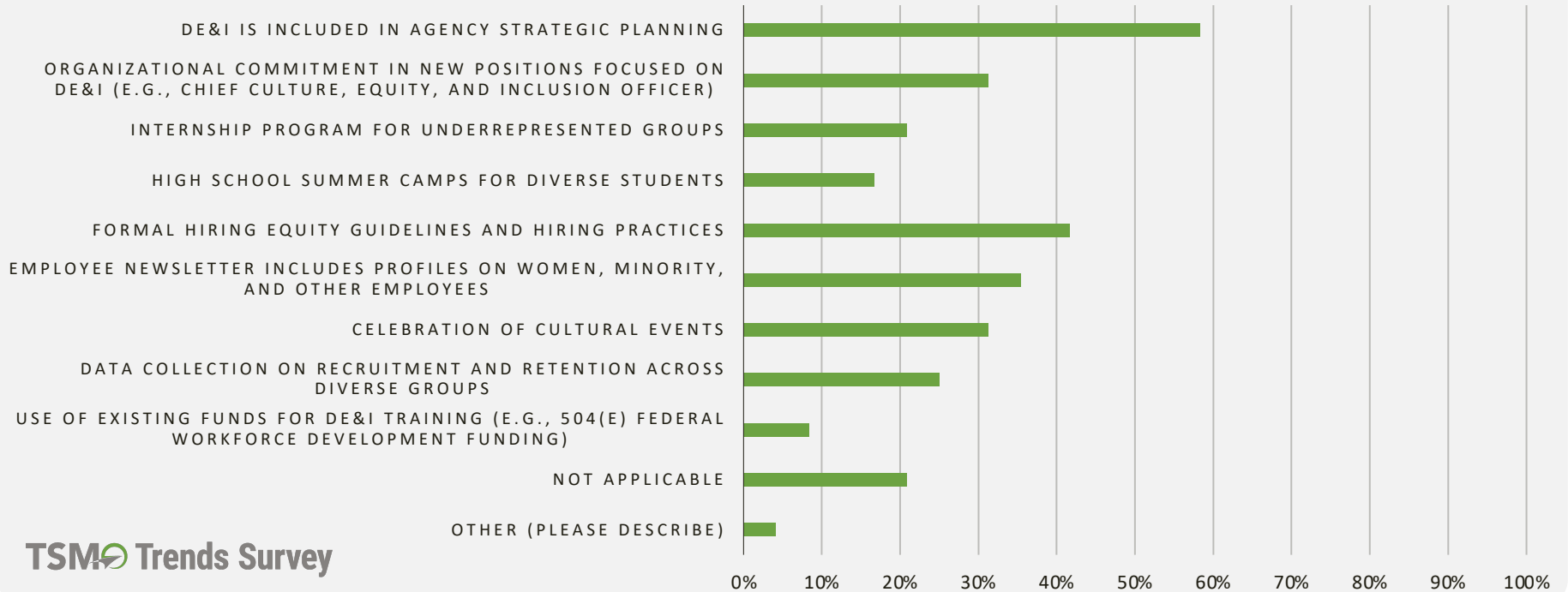
Retention: Challenges

Please select the TSMO workforce retention challenges at your agency:



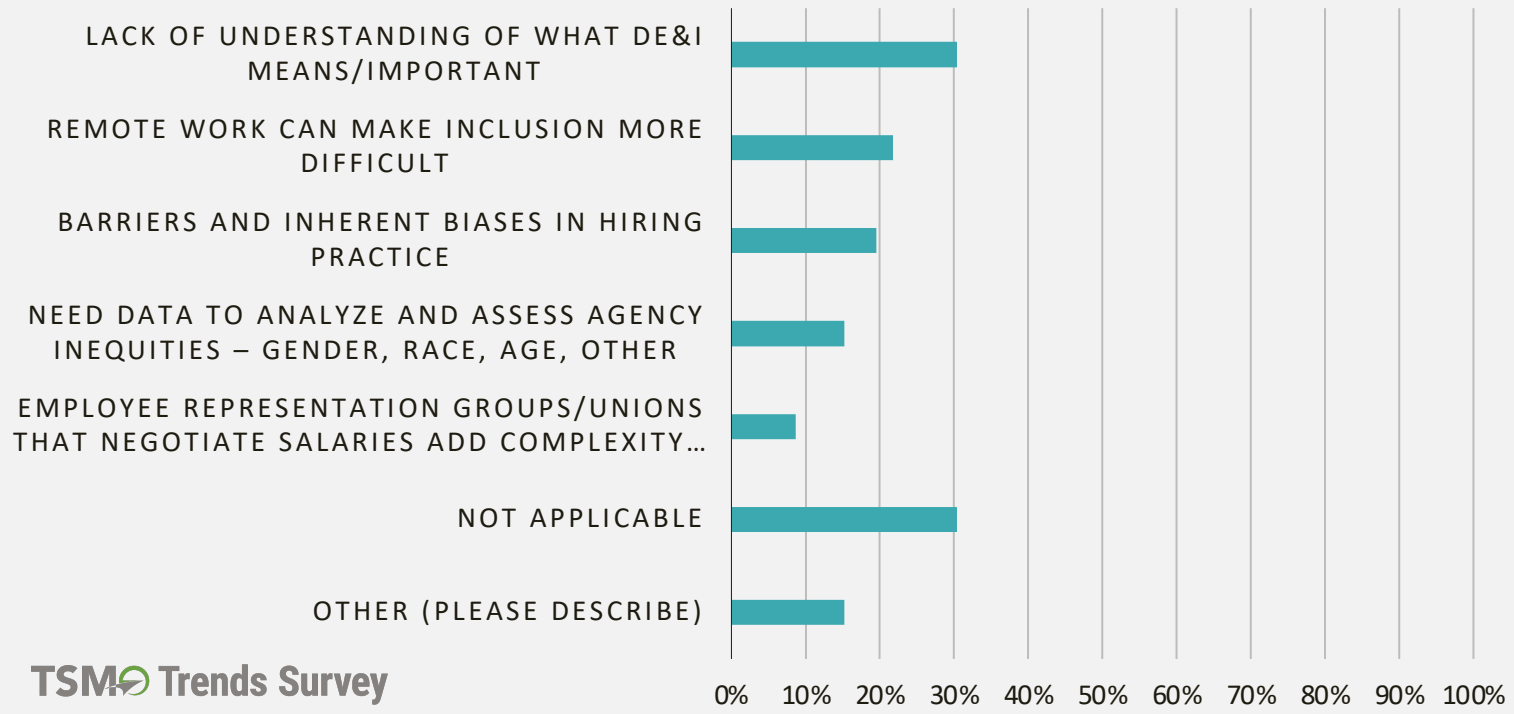
Diversity, Equity, and Inclusion: Strengths

Please select the TSMO workforce DE&I strategy strengths at your agency:



Diversity, Equity, and Inclusion: Challenges

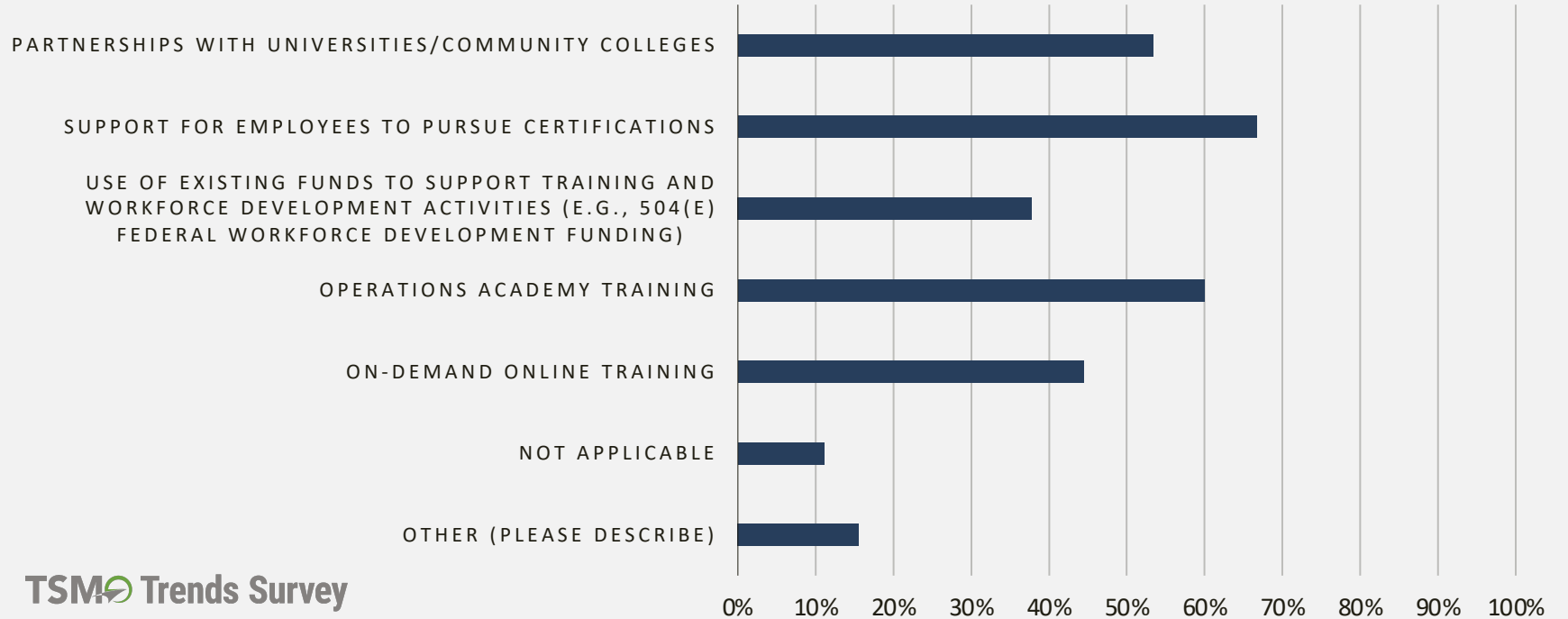
Please select the TSMO workforce DE&I challenges at your agency:



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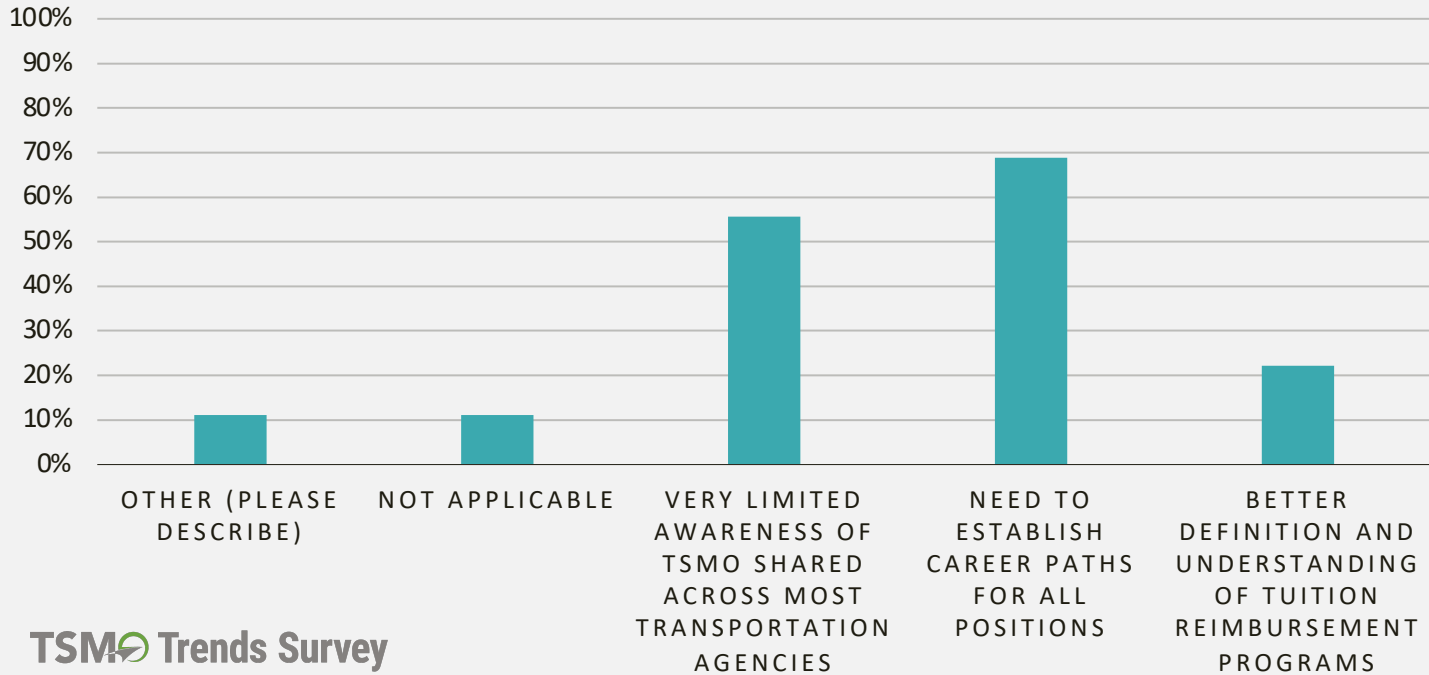
Training

Please select the TSMO workforce training strategy strengths at your agency:



Training

Please select the TSMO workforce training challenges at your agency

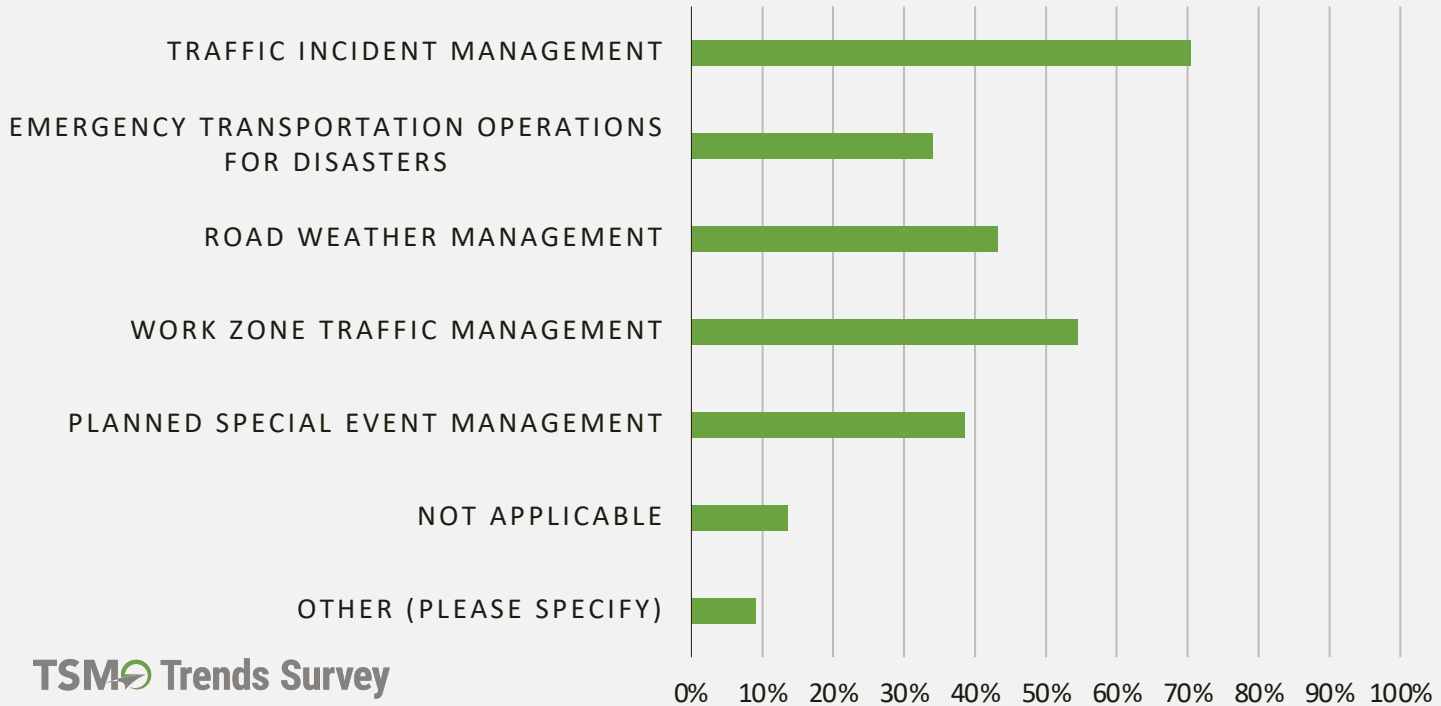


TSM Trends Survey

Part 2: Accelerate deployment of current and emerging TSMO practices (technology and strategies)

Event Management

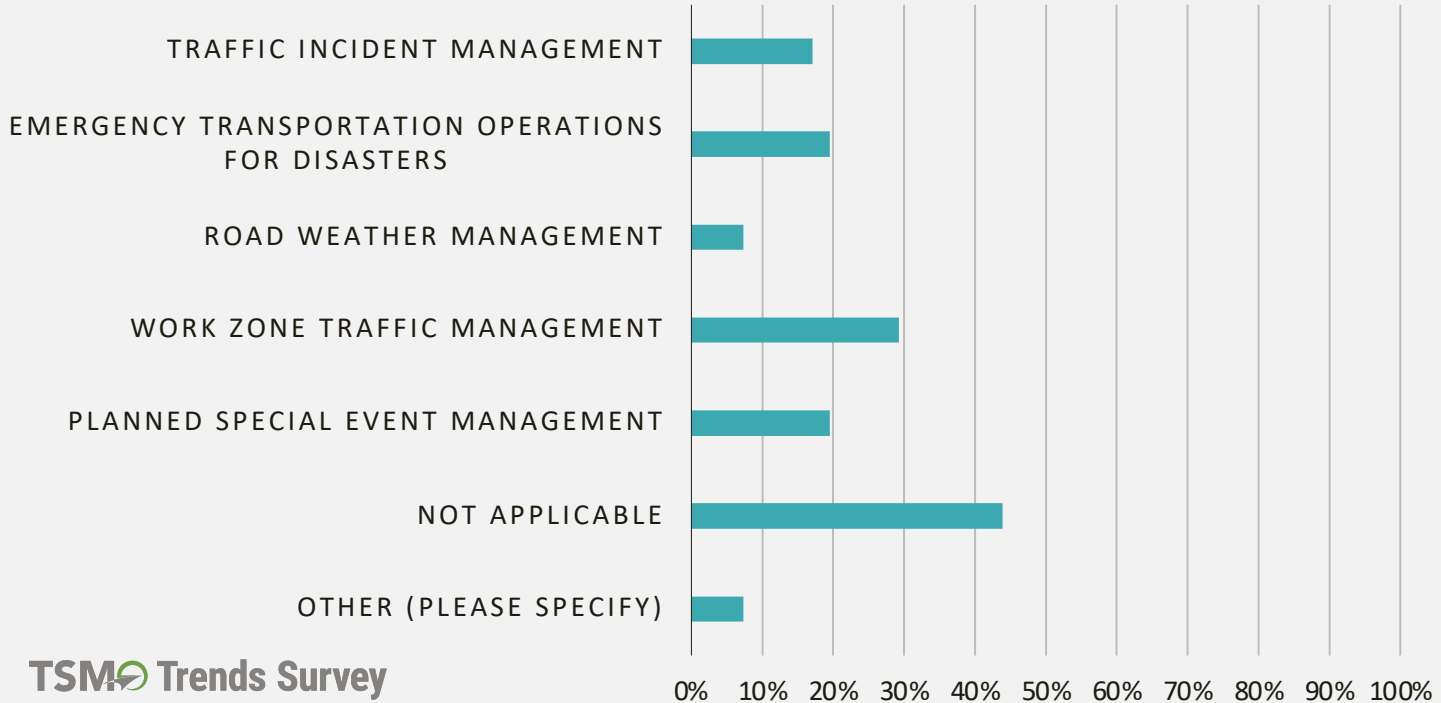
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

Event Management

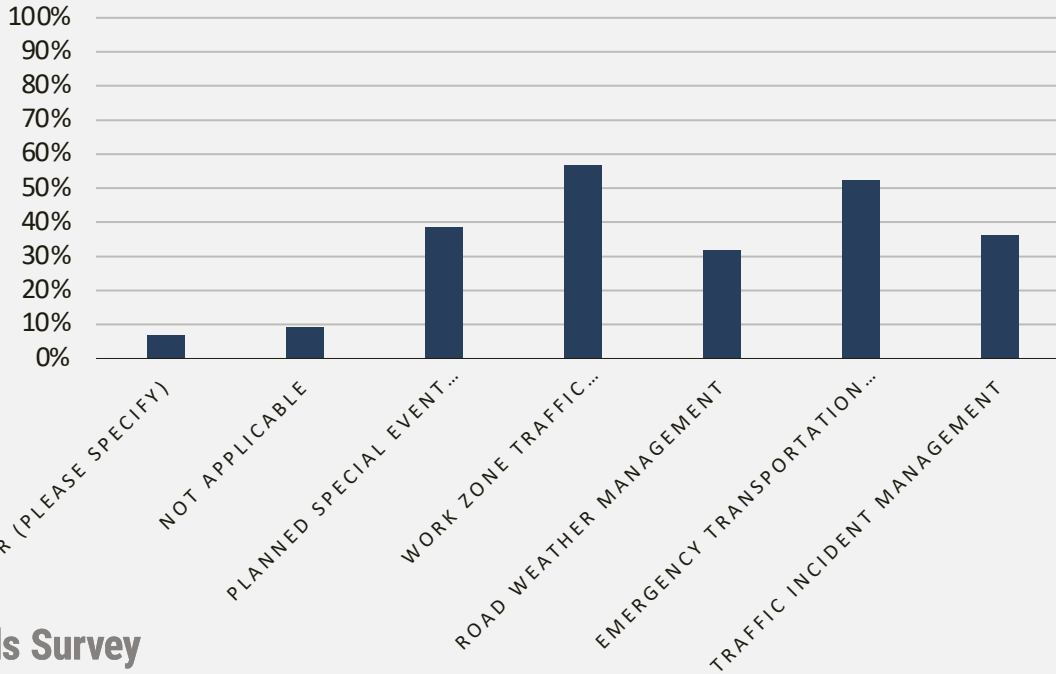
TSMO strategies that your agency has tried to deploy and encountered the most difficult challenges:



TSM Trends Survey

Event Management

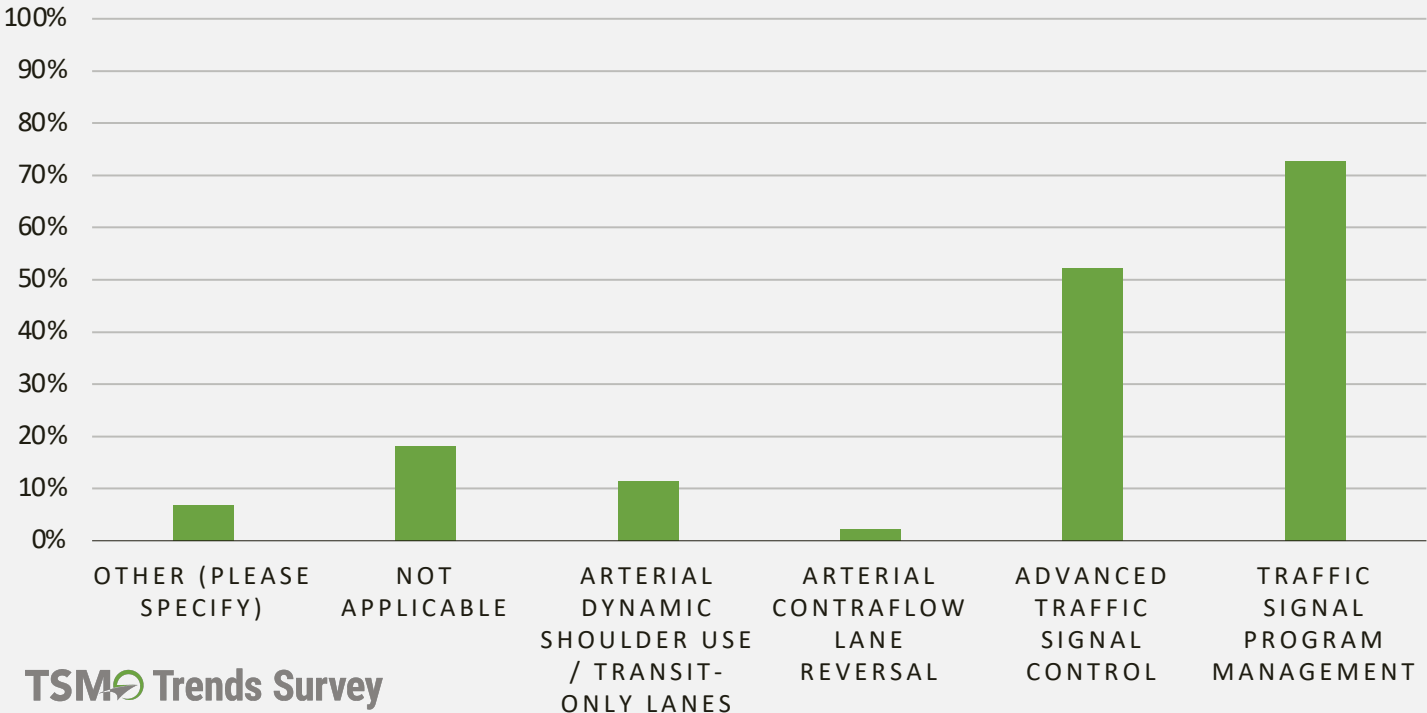
TSMO strategies that your agency sees as opportunities and would like **NOCoE to further explore**:



TSM Trends Survey

Arterial Management

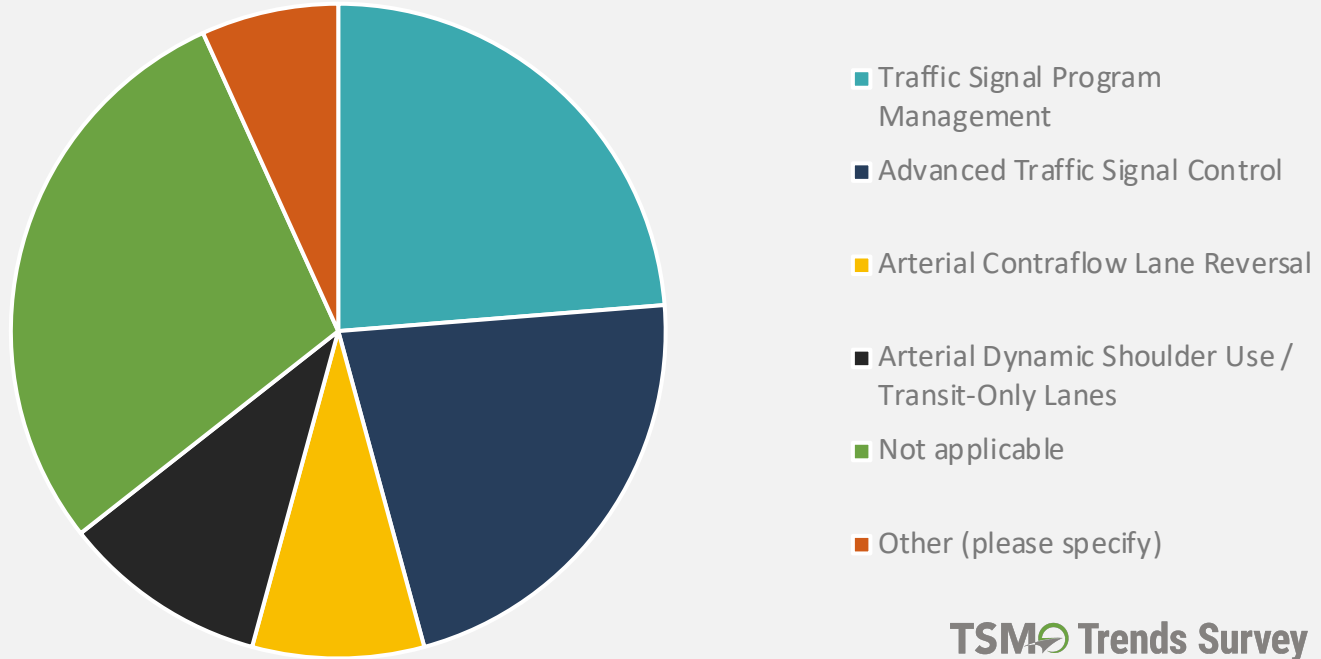
TSMO strategies with the **highest pay-off** for your agency:



TSM Trends Survey

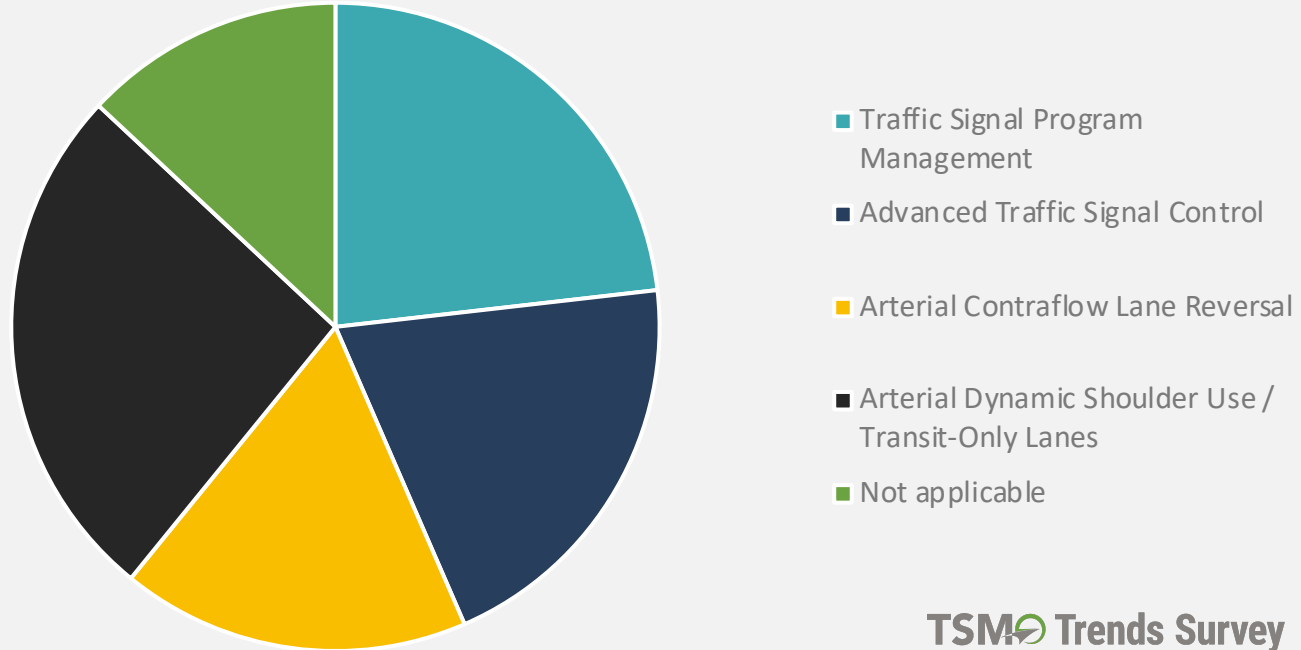
Arterial Management

TSMO strategies that your agency has tried to deploy and encountered the **most difficult challenges**:



Arterial Management

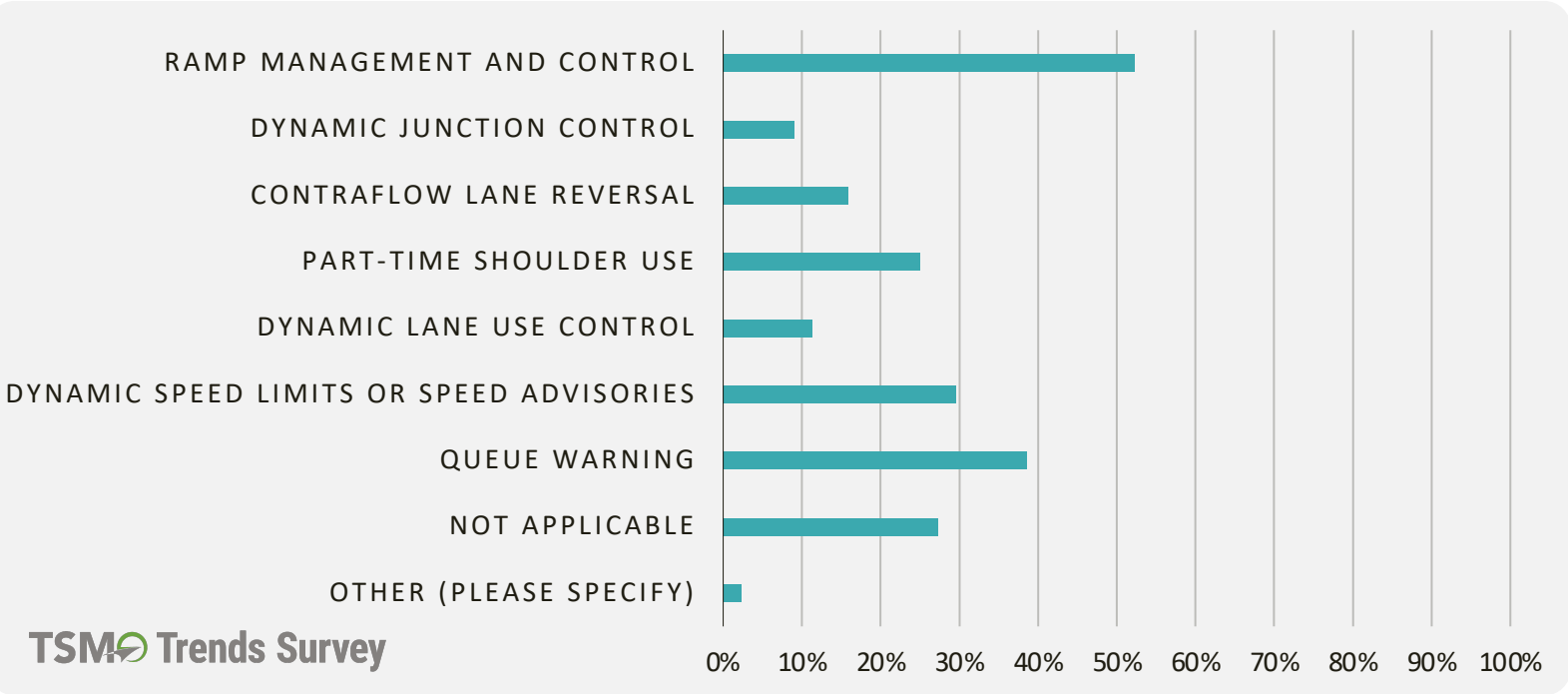
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TSM Trends Survey

Freeway Management

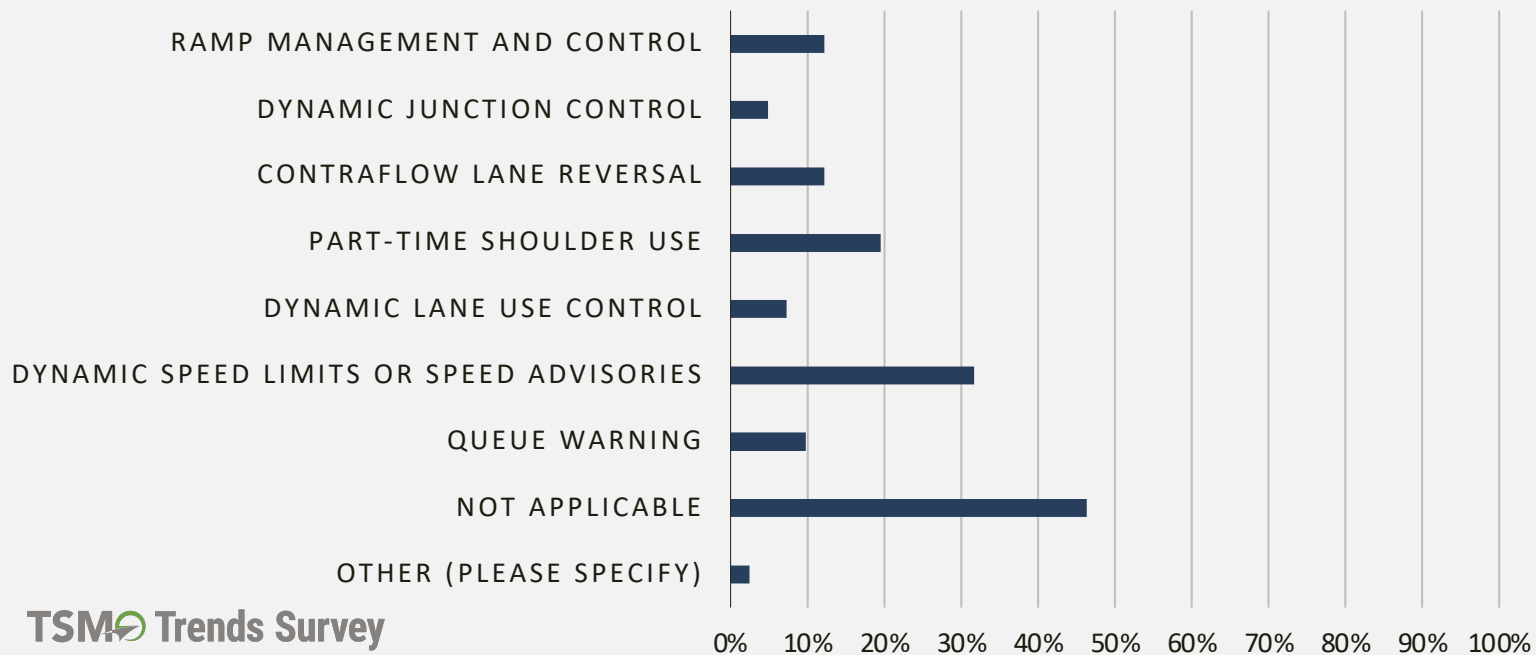
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

Freeway Management

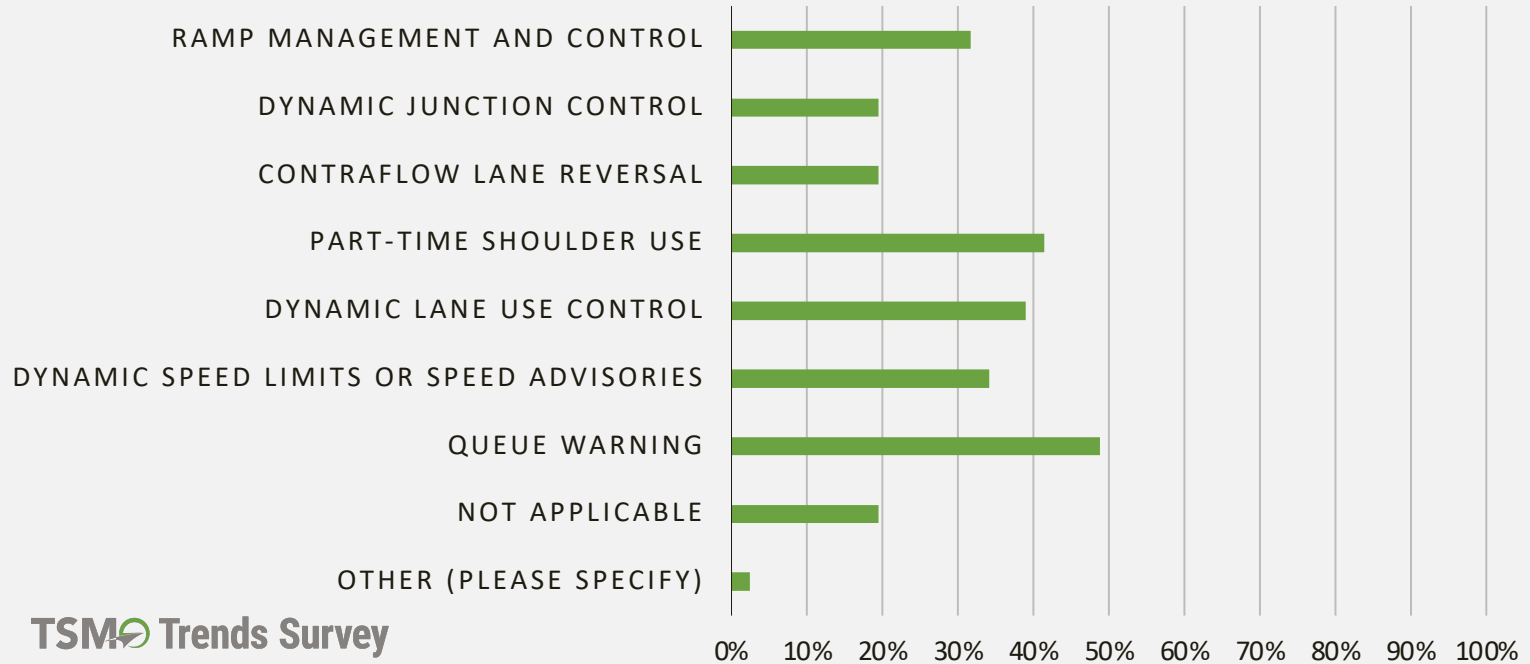
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TSM Trends Survey

Freeway Management

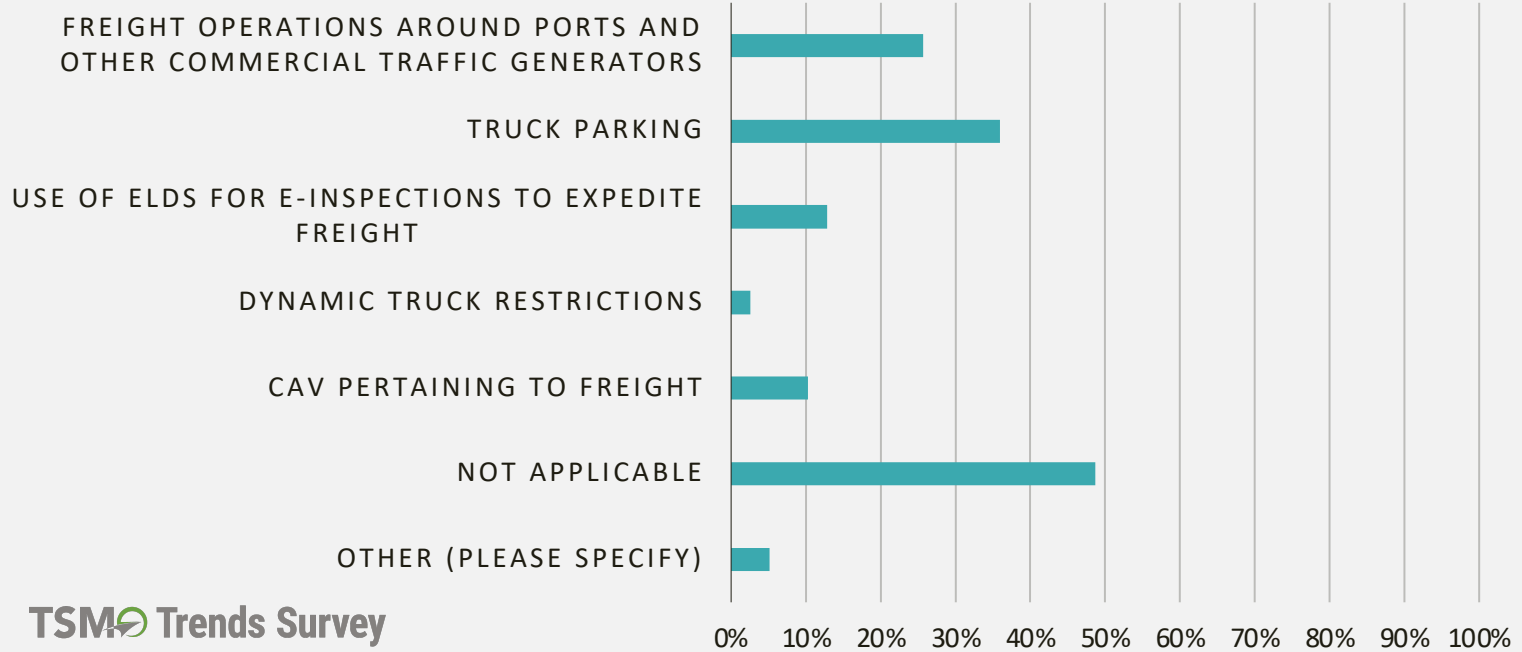
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TSM Trends Survey

Freight

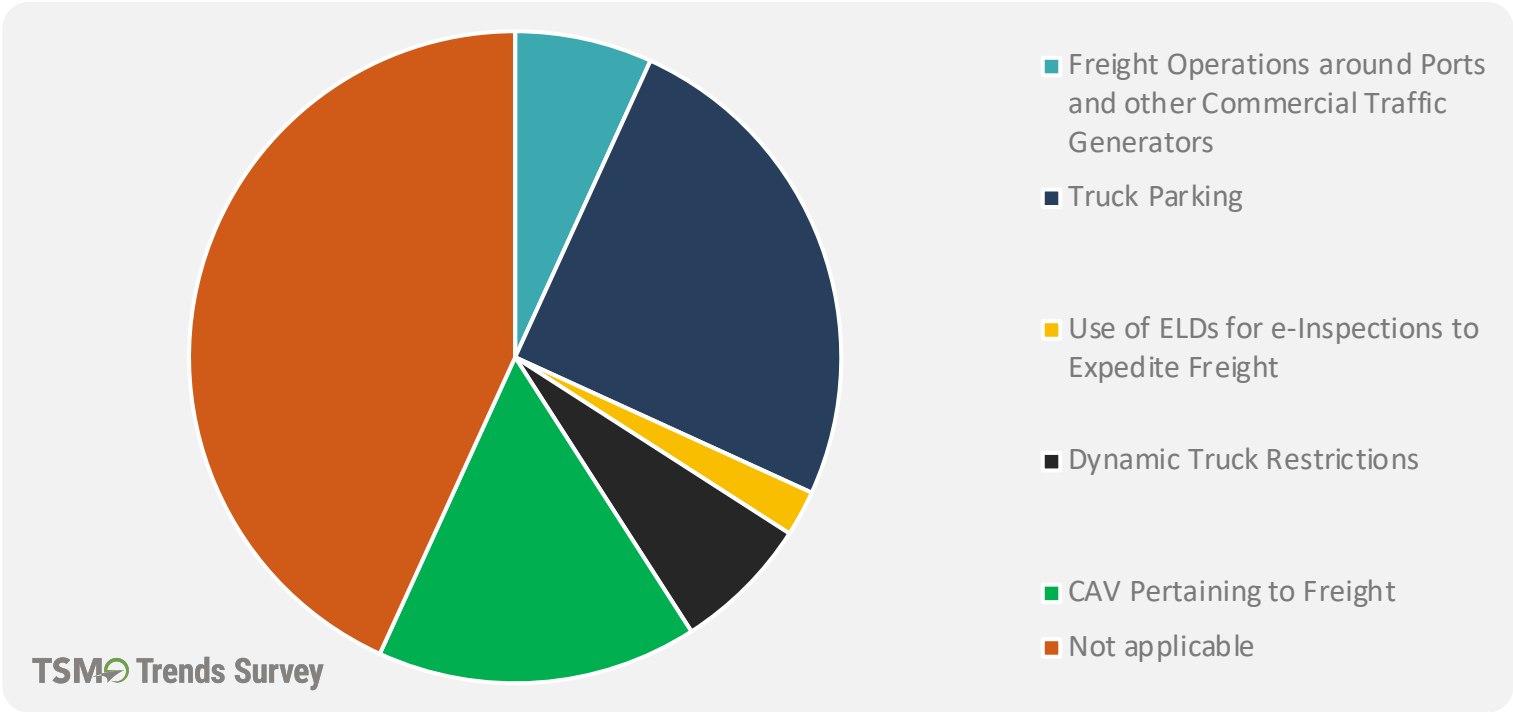
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

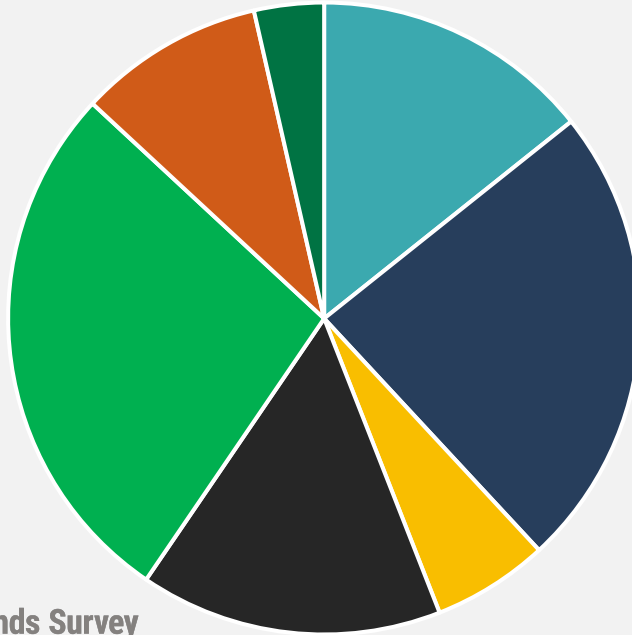
Freight

TSMO strategies that your agency has tried to deploy and encountered the most difficult challenges:



Freight

TSMO strategies that your agency sees as opportunities and would like **NOCoE to further explore**:

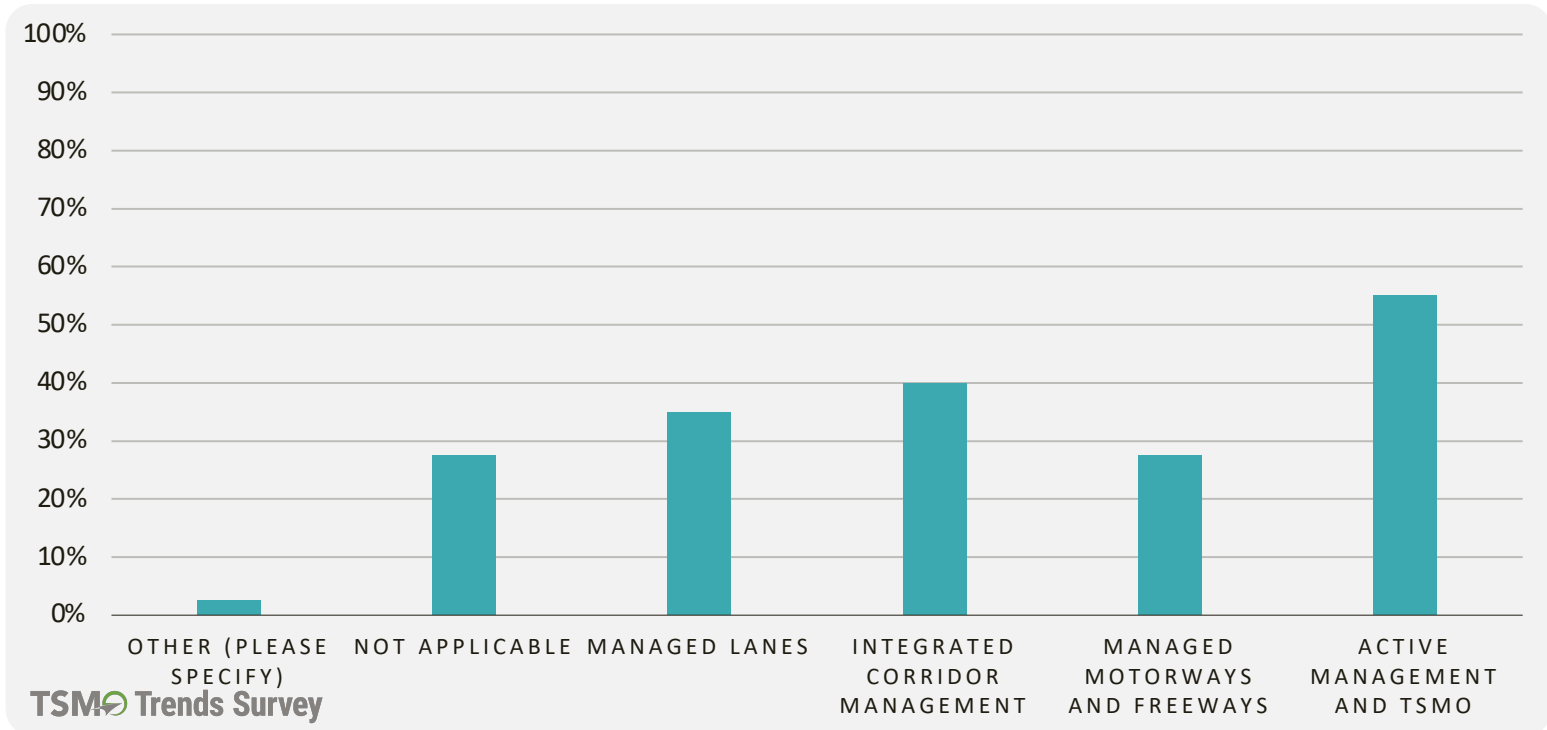


- Freight Operations around Ports and other Commercial Traffic Generators
- Truck Parking
- Use of ELDs for e-Inspections to Expedite Freight
- Dynamic Truck Restrictions
- CAV Pertaining to Freight

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Advanced Integrated Tactics

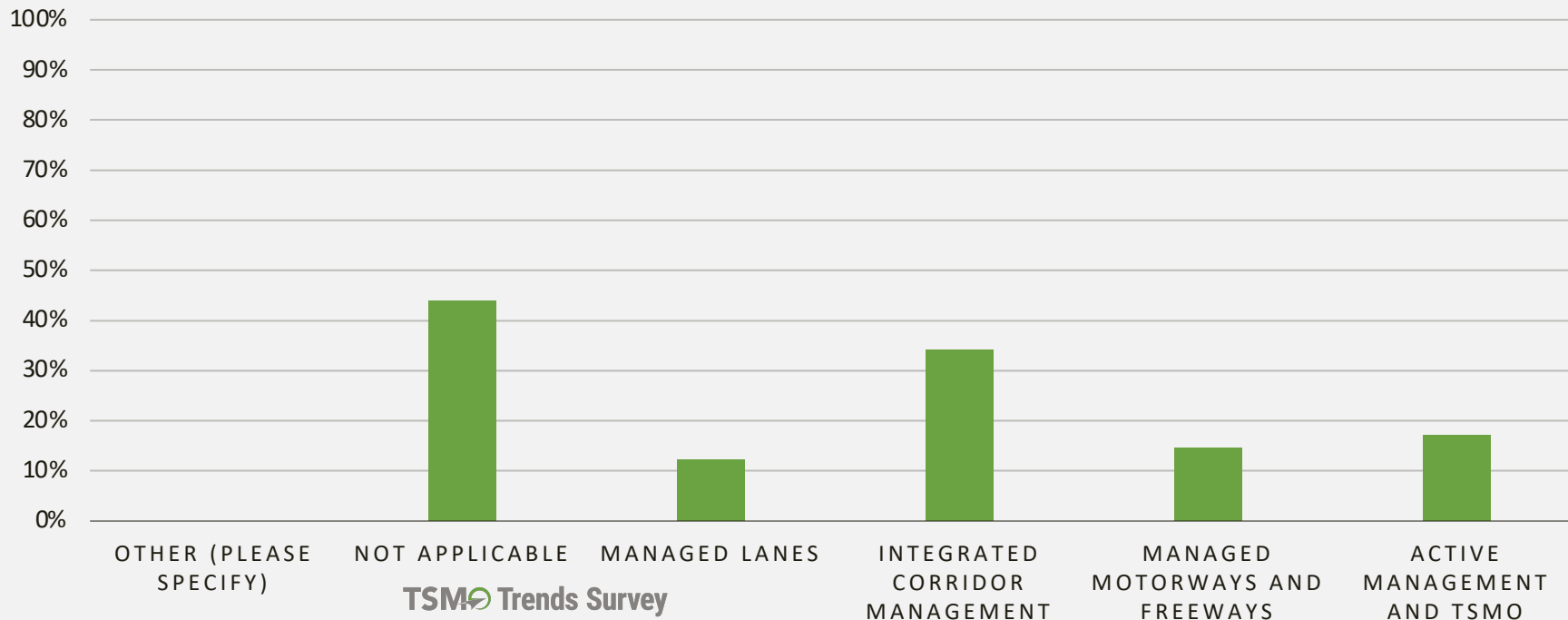
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

Advanced Integrated Tactics

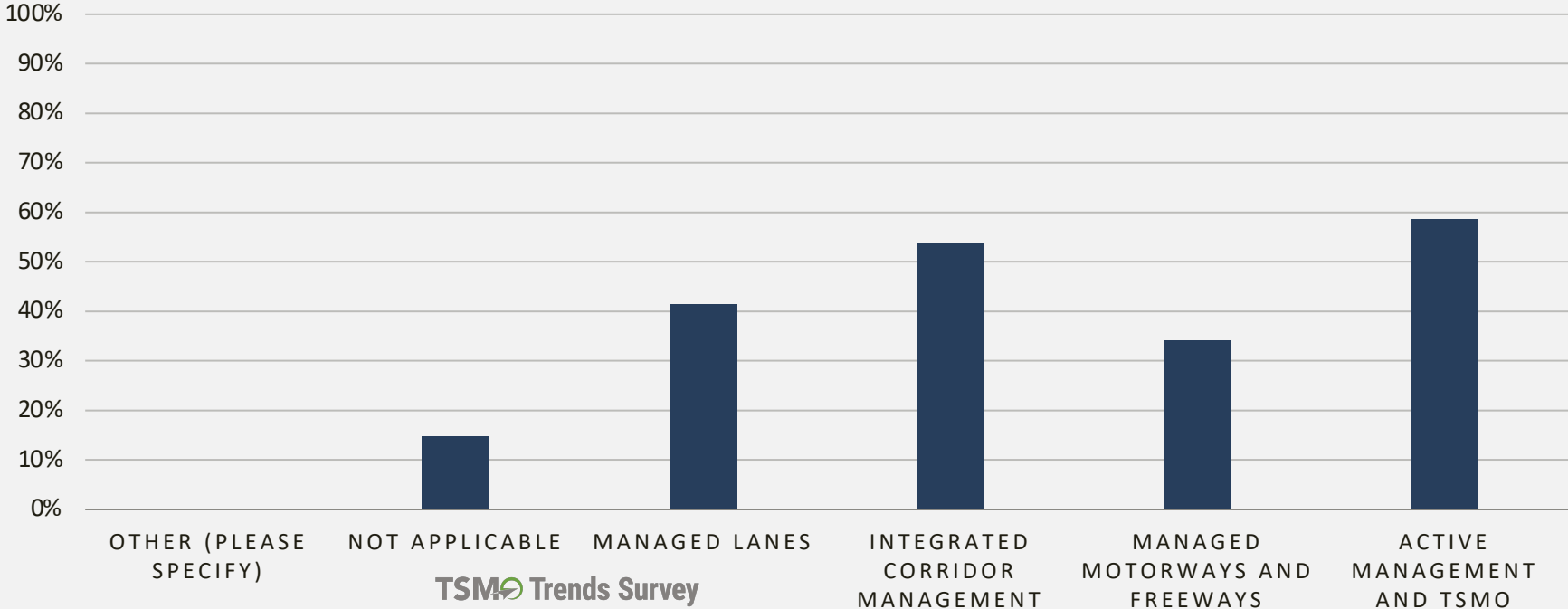
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TSMO Trends Survey

Advanced Integrated Tactics

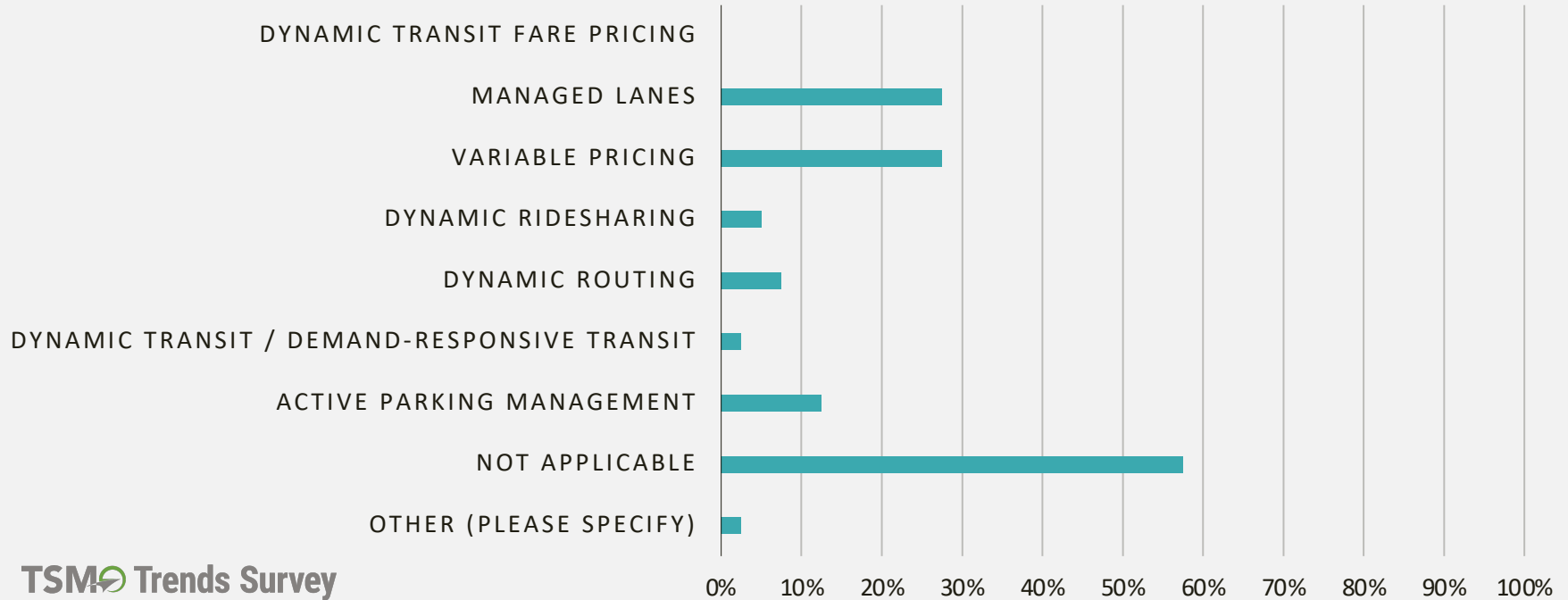
TSMO strategies that your agency sees as opportunities and would like NOCoE to further explore:



TSM Trends Survey

Active Demand and Parking Management

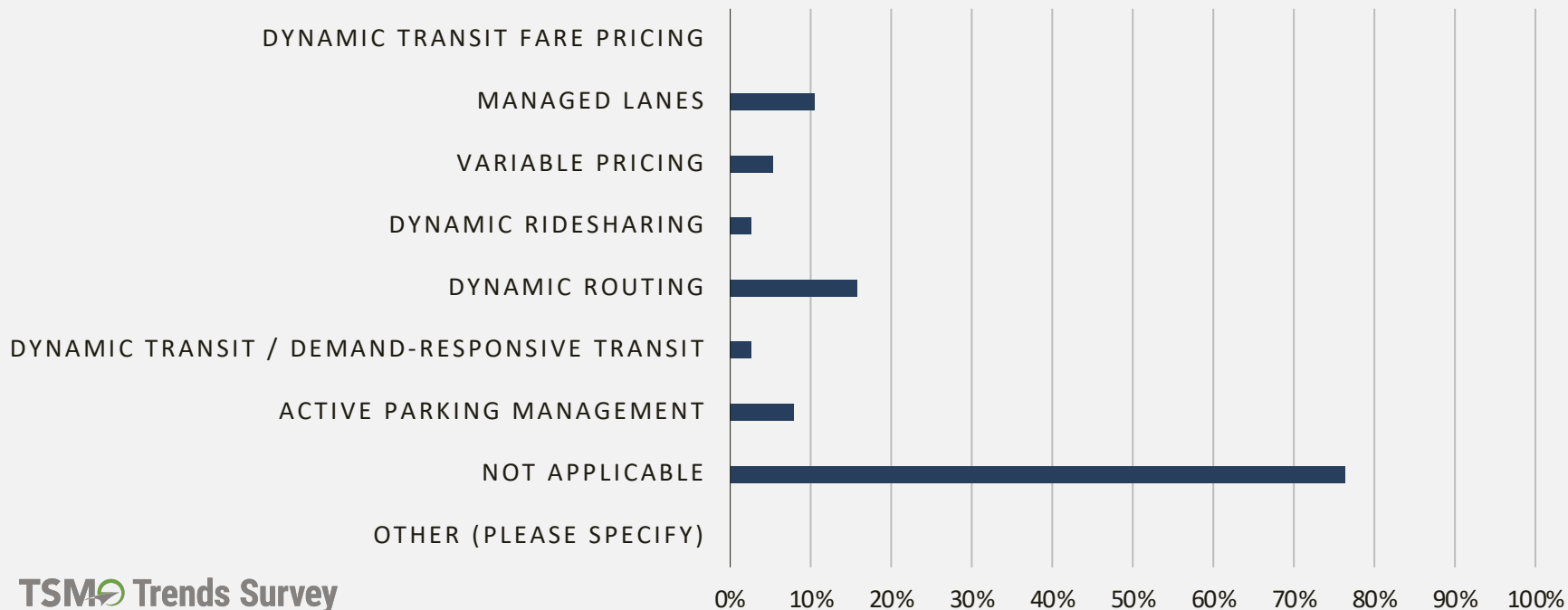
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

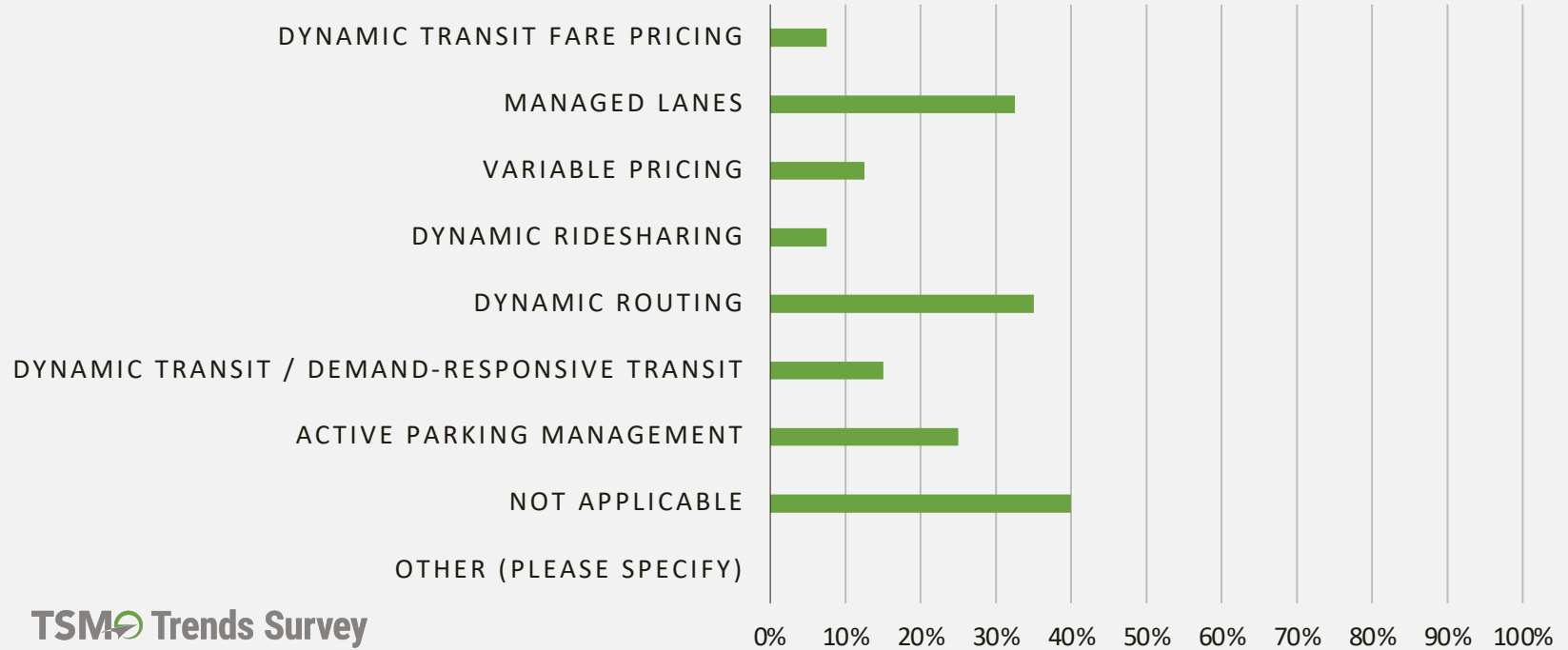
Active Demand and Parking Management

TSMO strategies that your agency has tried to deploy and encountered the most difficult challenges:



Active Demand and Parking Management

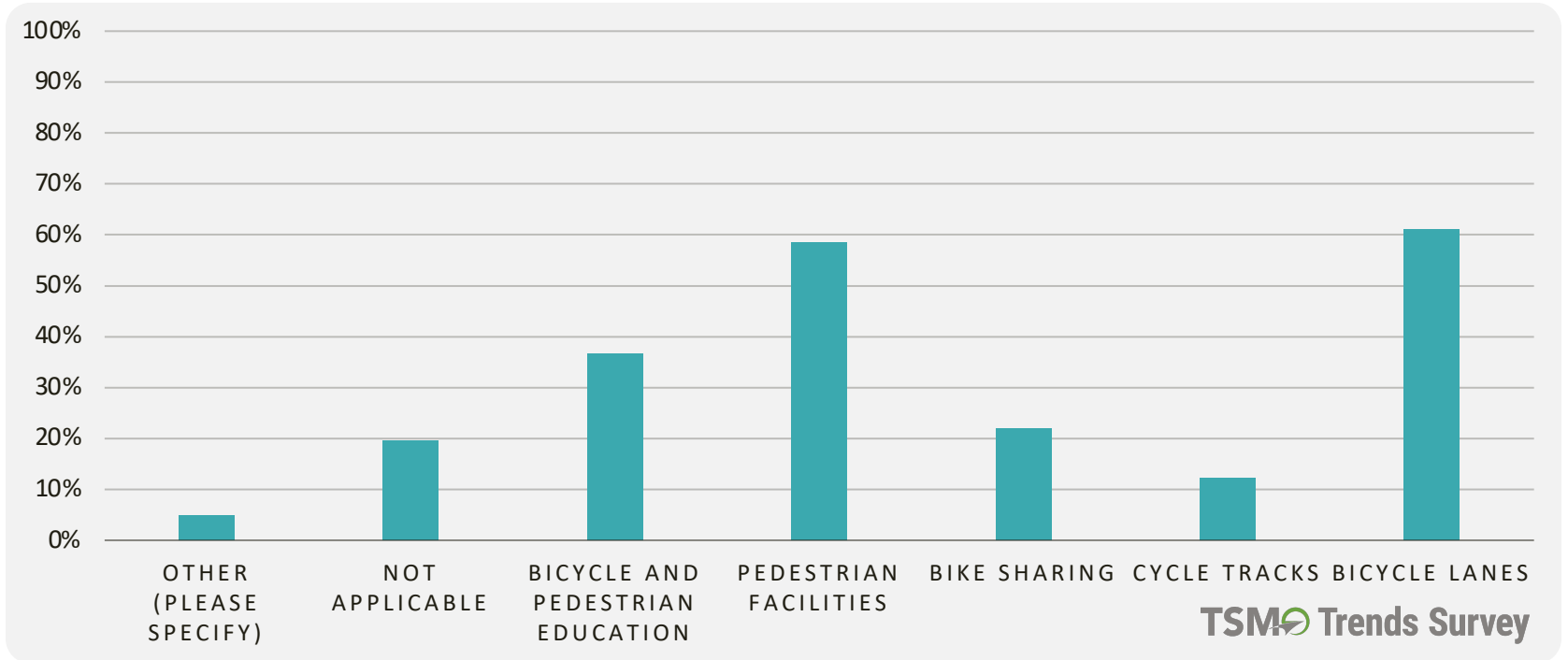
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TSM Trends Survey

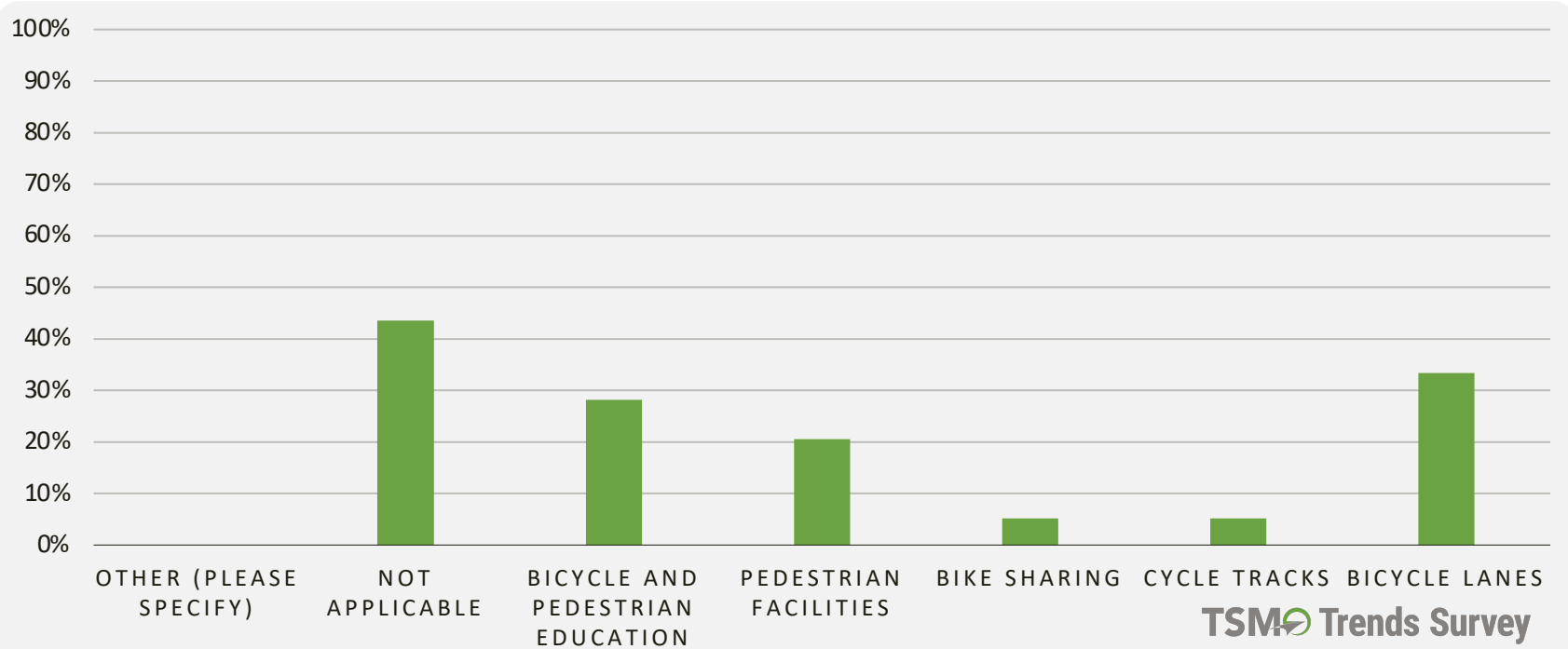
Active Transportation

TSMO strategies with the highest pay-off for your agency:



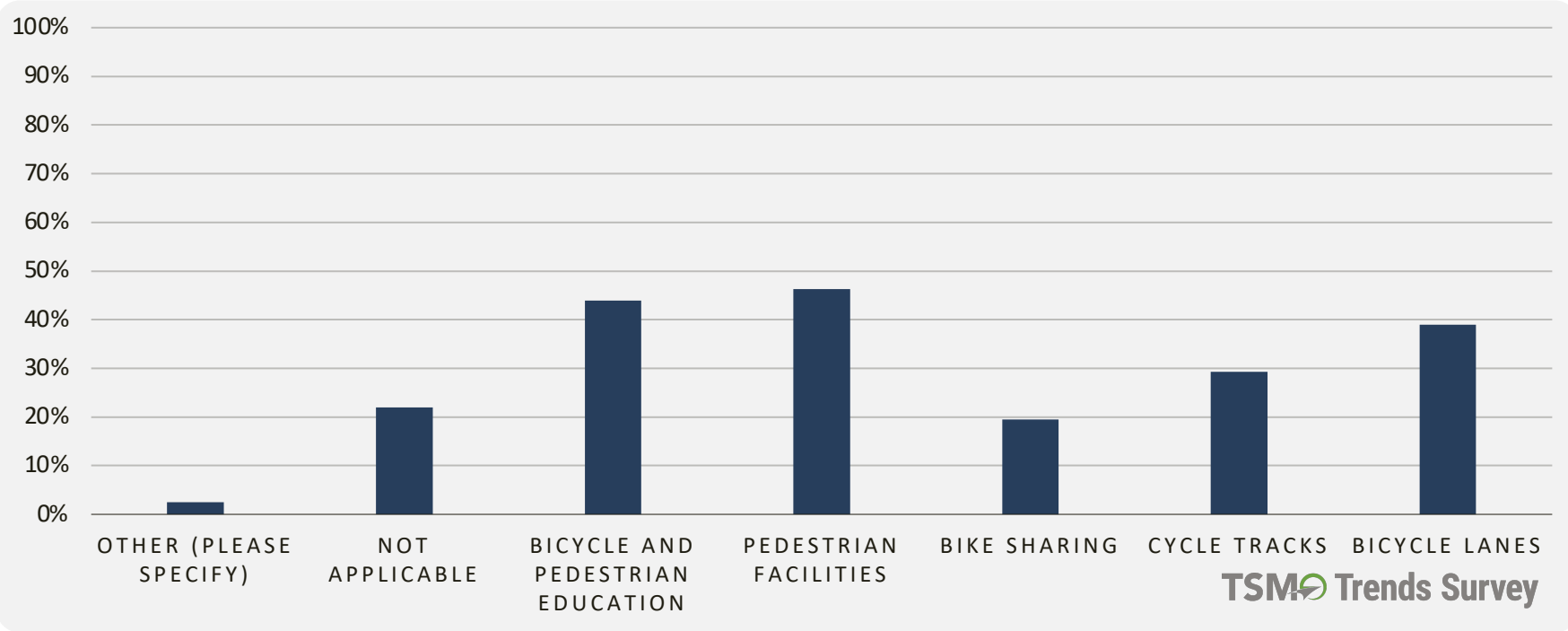
Active Transportation

TSMO strategies that your agency has tried to deploy and encountered the **most difficult challenges**:



Active Transportation

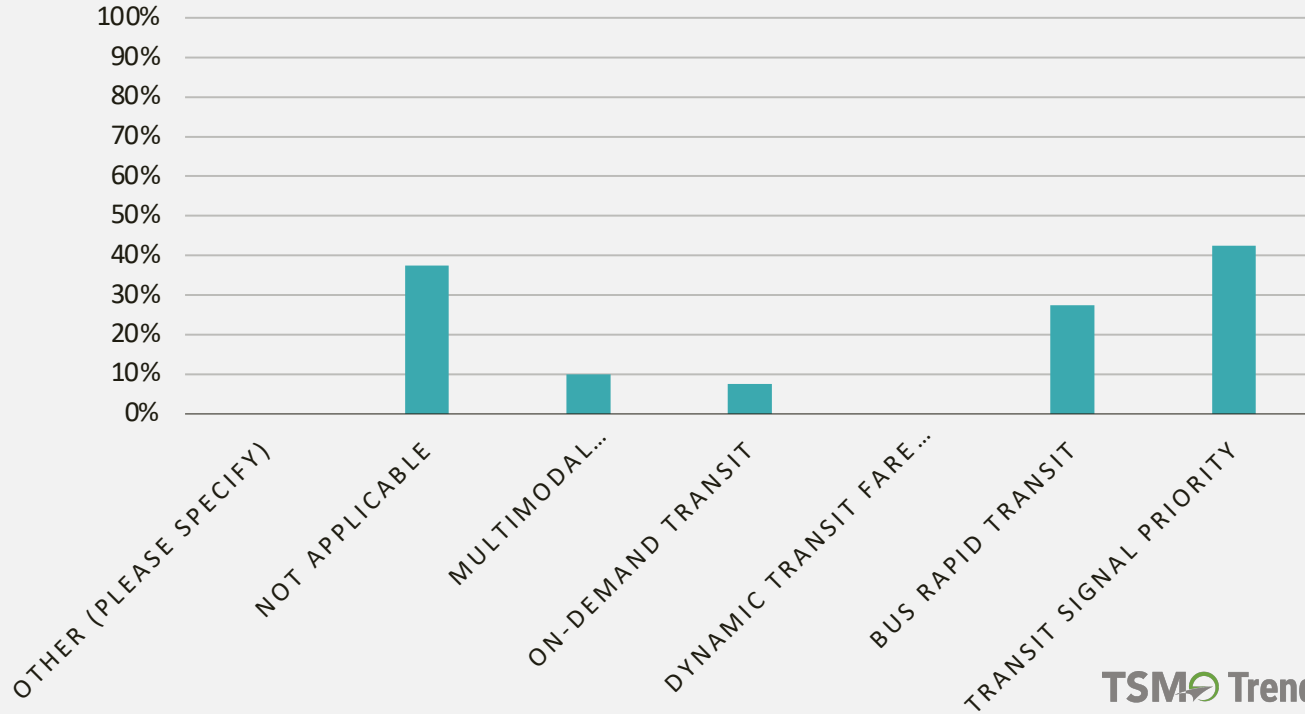
TSMO strategies that your agency sees as opportunities and would like NOCoE to further explore:



TSM Trends Survey

Transit

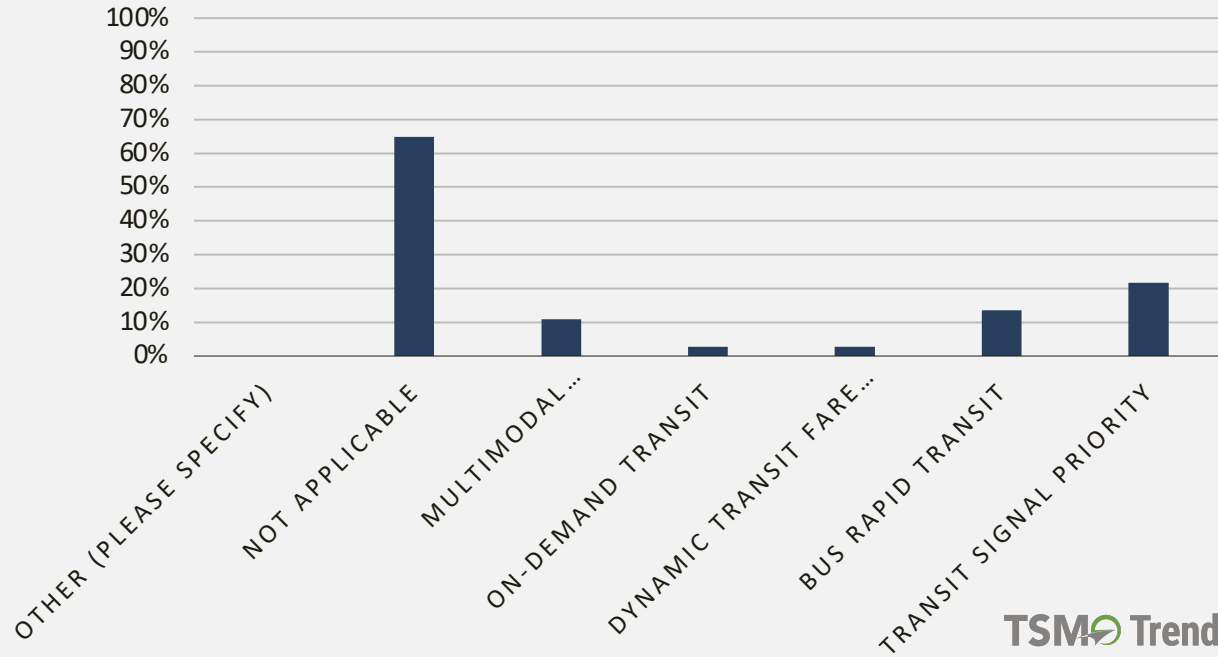
TSMO strategies with the highest pay-off for your agency:



TSM Trends Survey

Transit

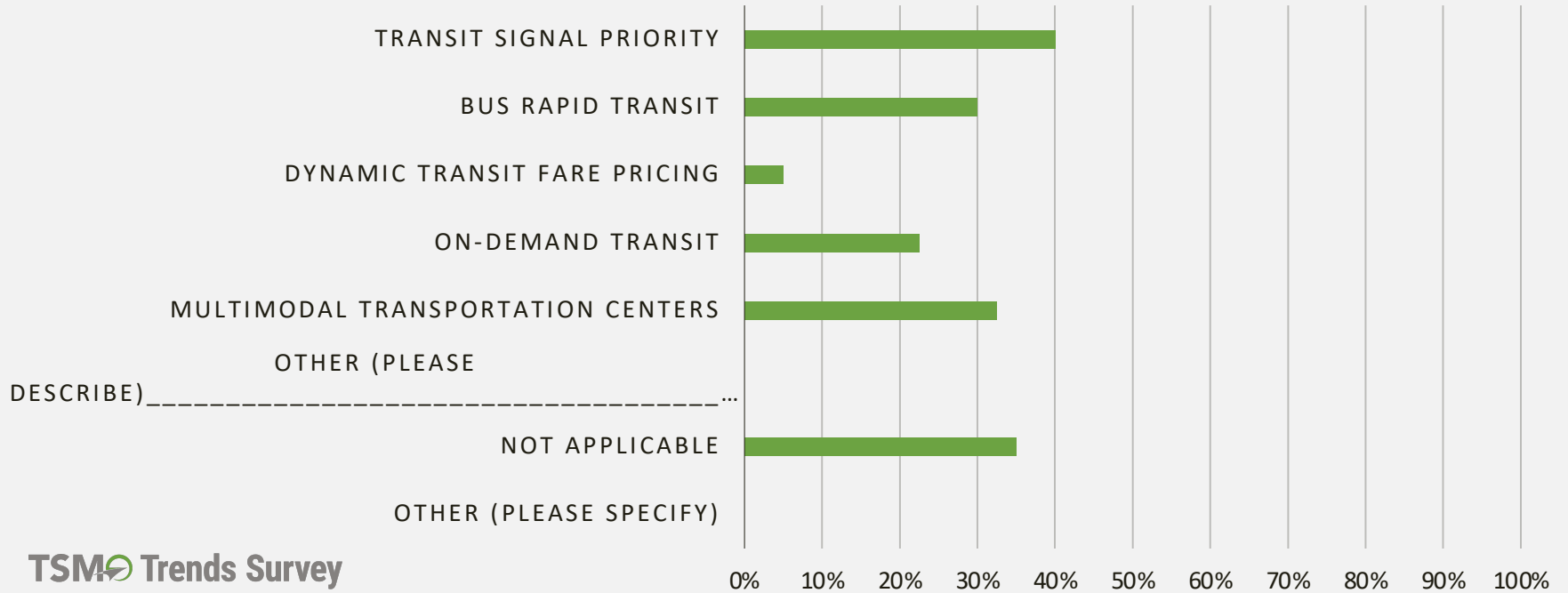
TSMO strategies that your agency has tried to deploy and encountered the **most difficult challenges**:



TSM Trends Survey

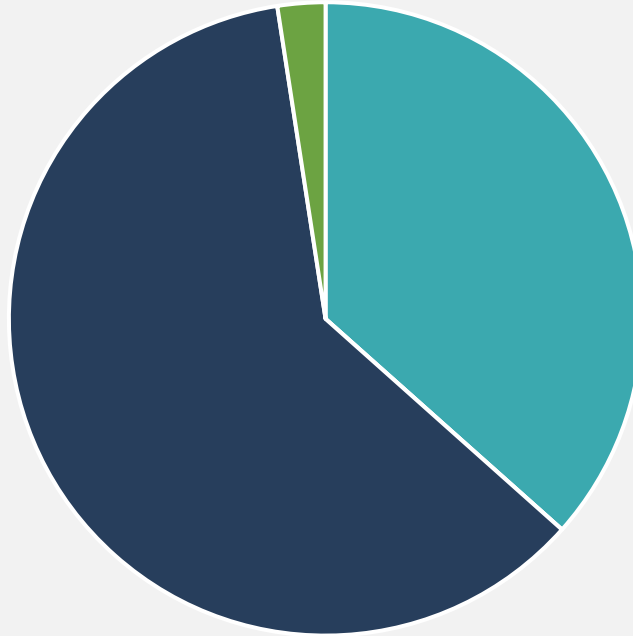
Transit

TSMO strategies that your agency sees as opportunities and would like NOCoE to further explore:



Tolling and Road Pricing

TSMO strategies with the highest pay-off for your agency:

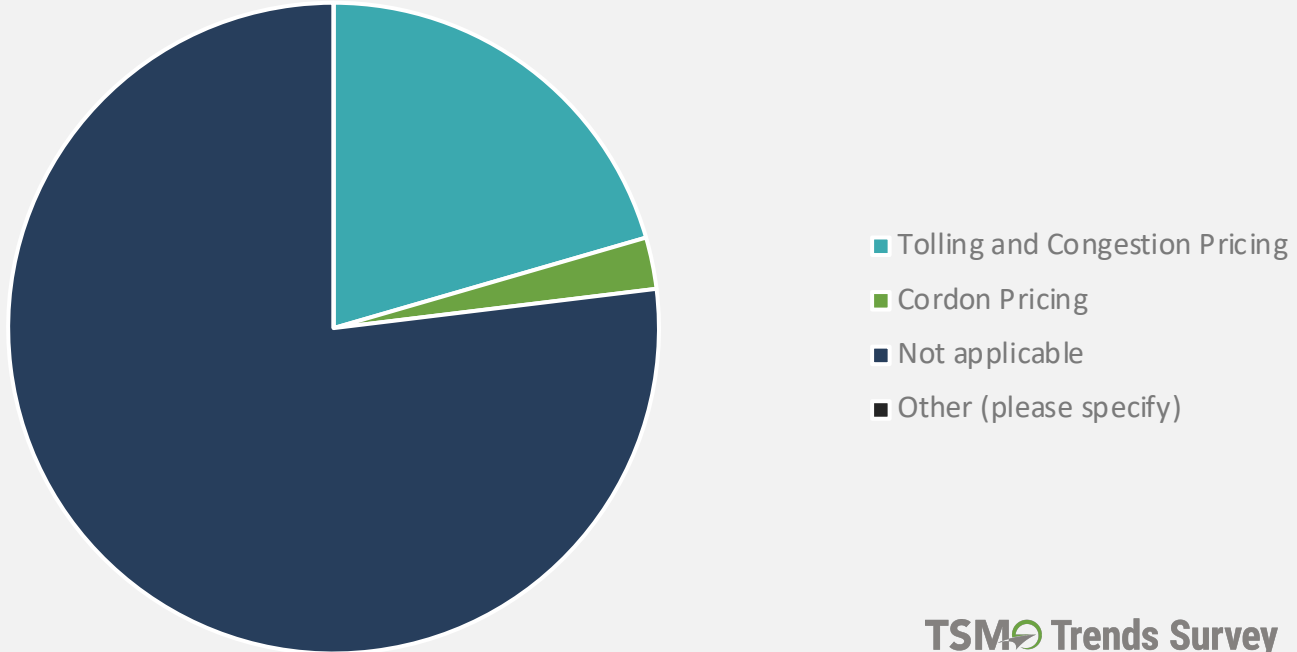


- Tolling and Congestion Pricing
- Cordon Pricing
- Not applicable
- Other (please specify)

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Tolling and Road Pricing

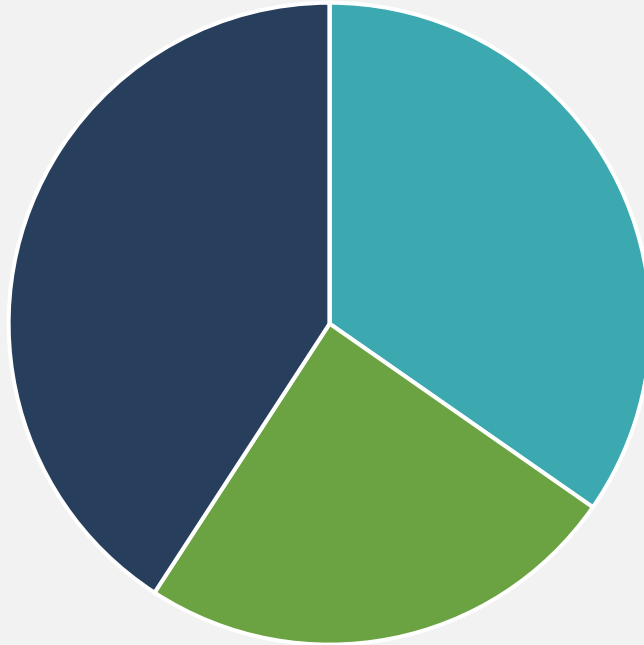
TSMO strategies that your agency has tried to deploy and encountered the **most difficult challenges**:



TSM Trends Survey

Tolling and Road Pricing

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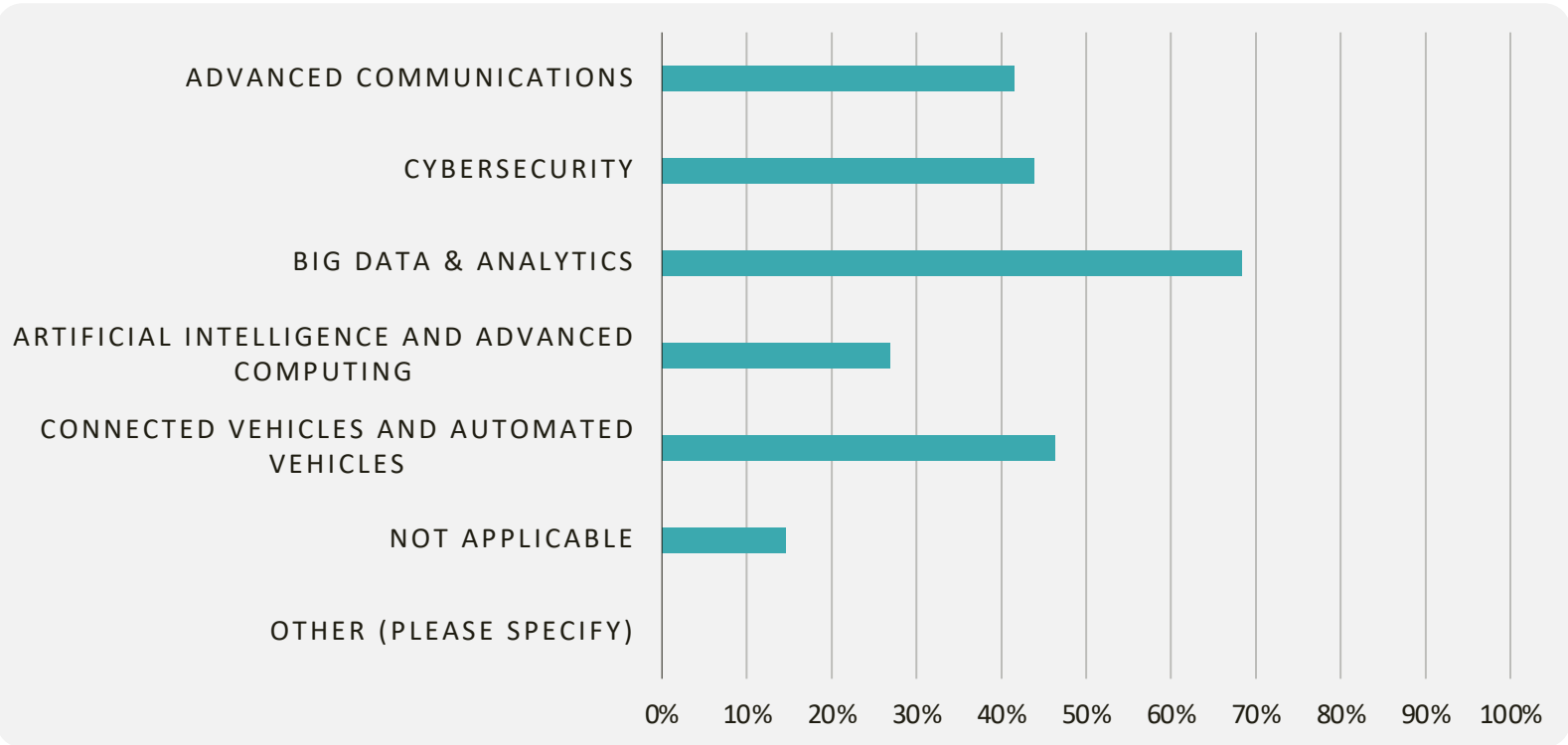


- Tolling and Congestion Pricing
- Cordon Pricing
- Not applicable
- Other (please specify)

TSMO Trends Survey

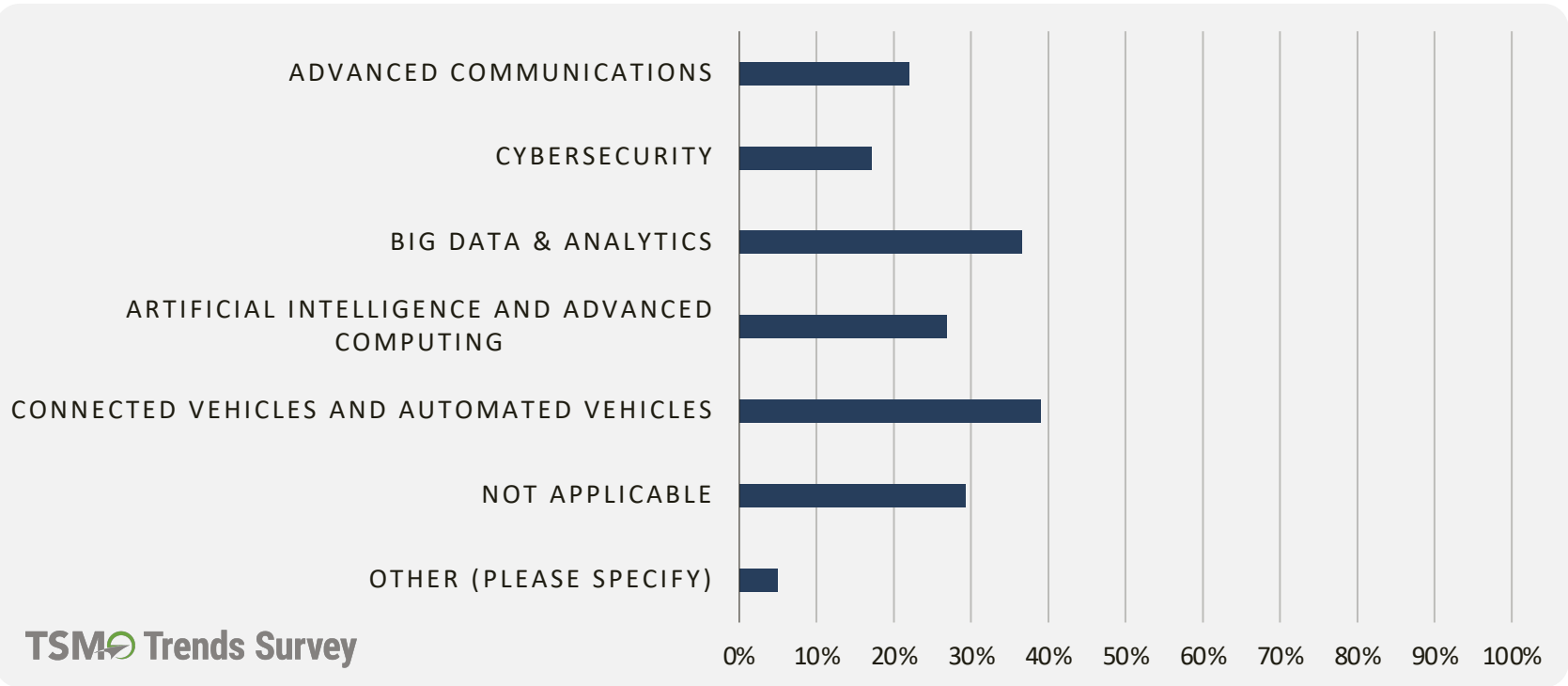
Technology Trends

TSMO strategies with the highest pay-off for your agency:



Technology Trends

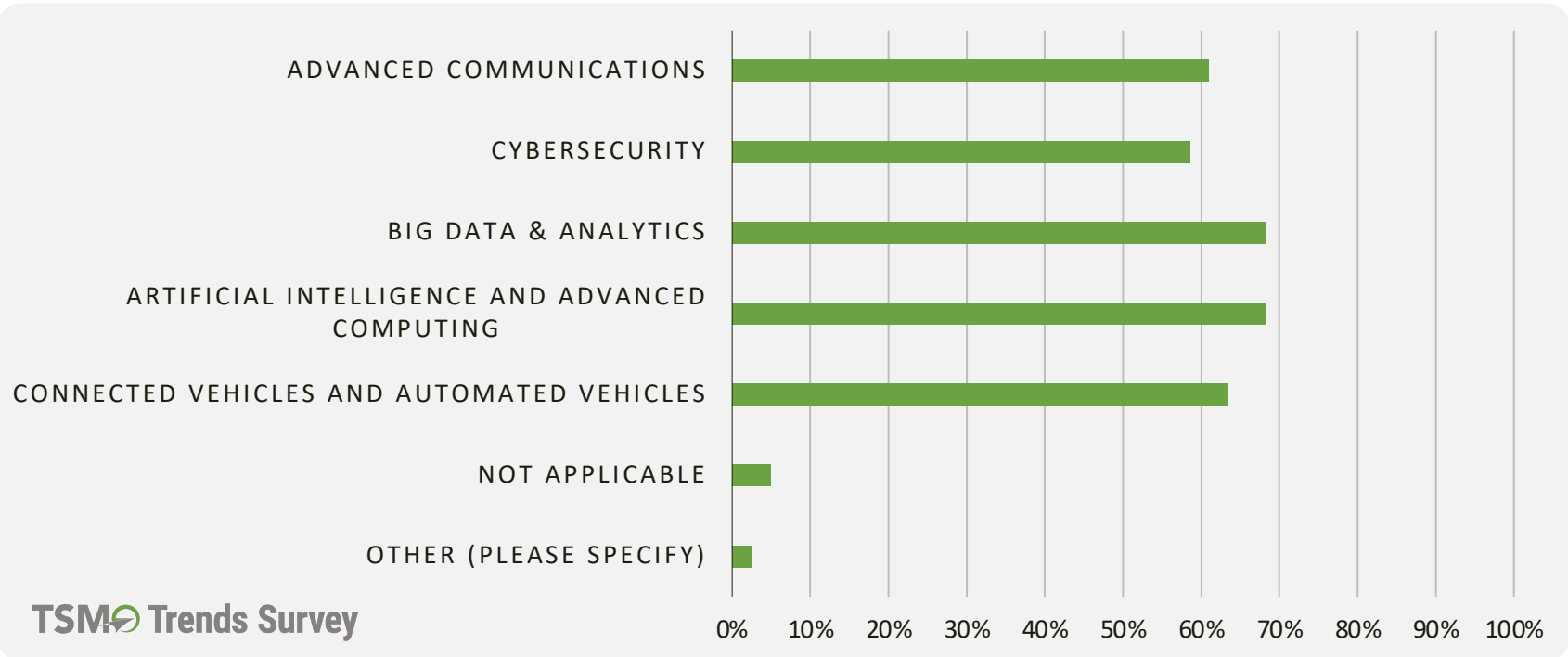
TSMO strategies that your agency has tried to deploy and encountered the most difficult challenges:



TSM Trends Survey

Technology Trends

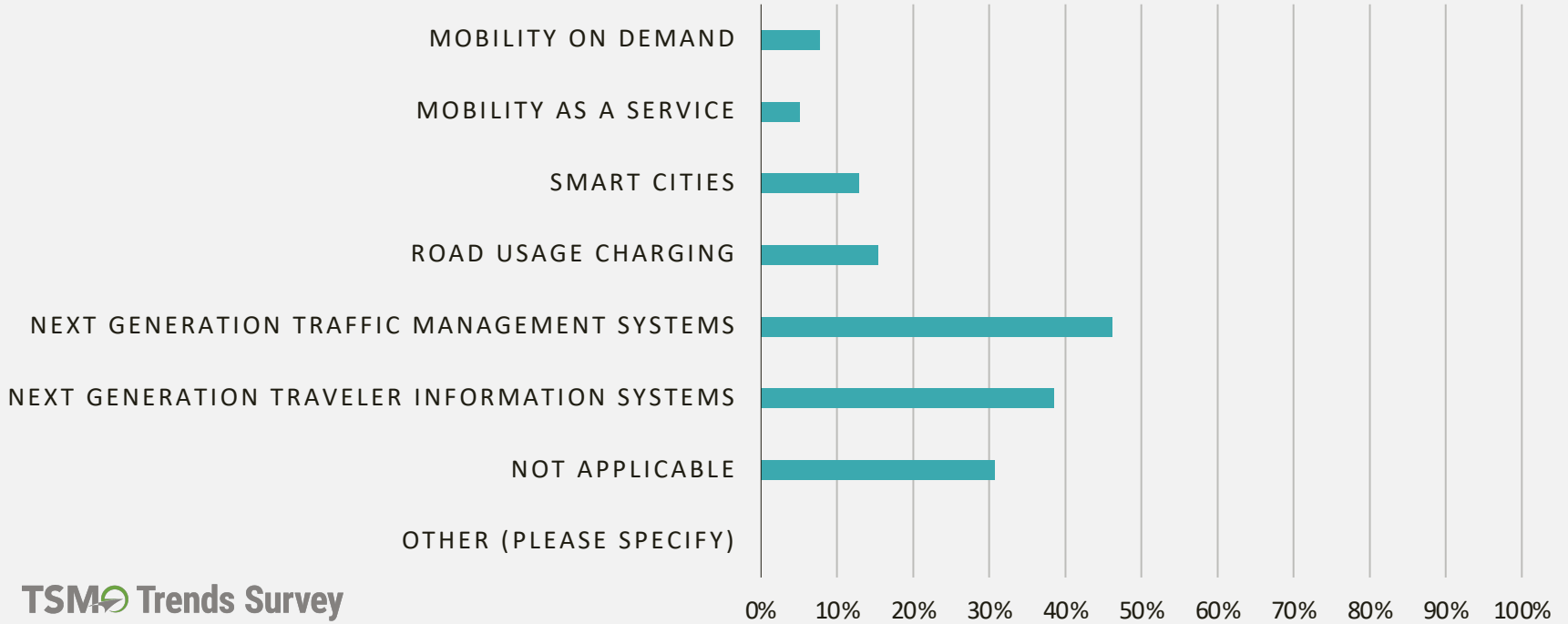
TSMO strategies that your agency sees as opportunities and would like NOCoE to further explore:



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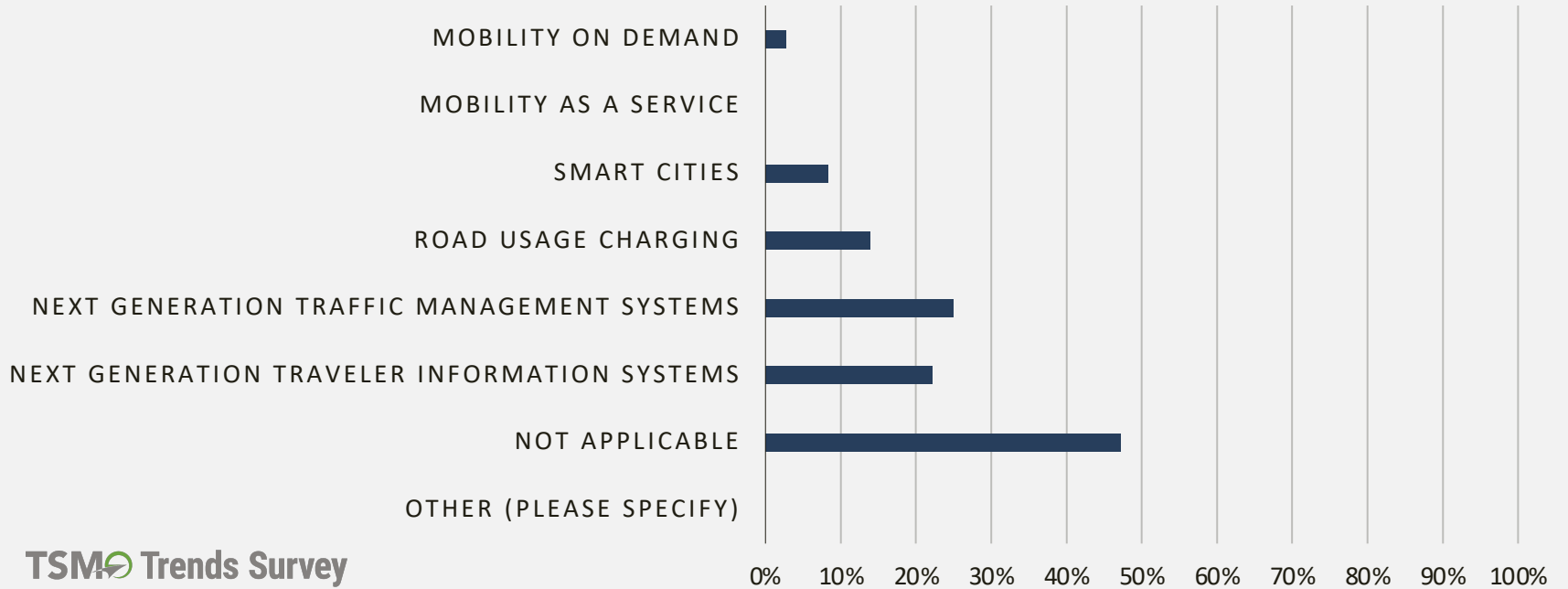
Industry Trends

TSMO strategies with the highest pay-off for your agency:



Industry Trends

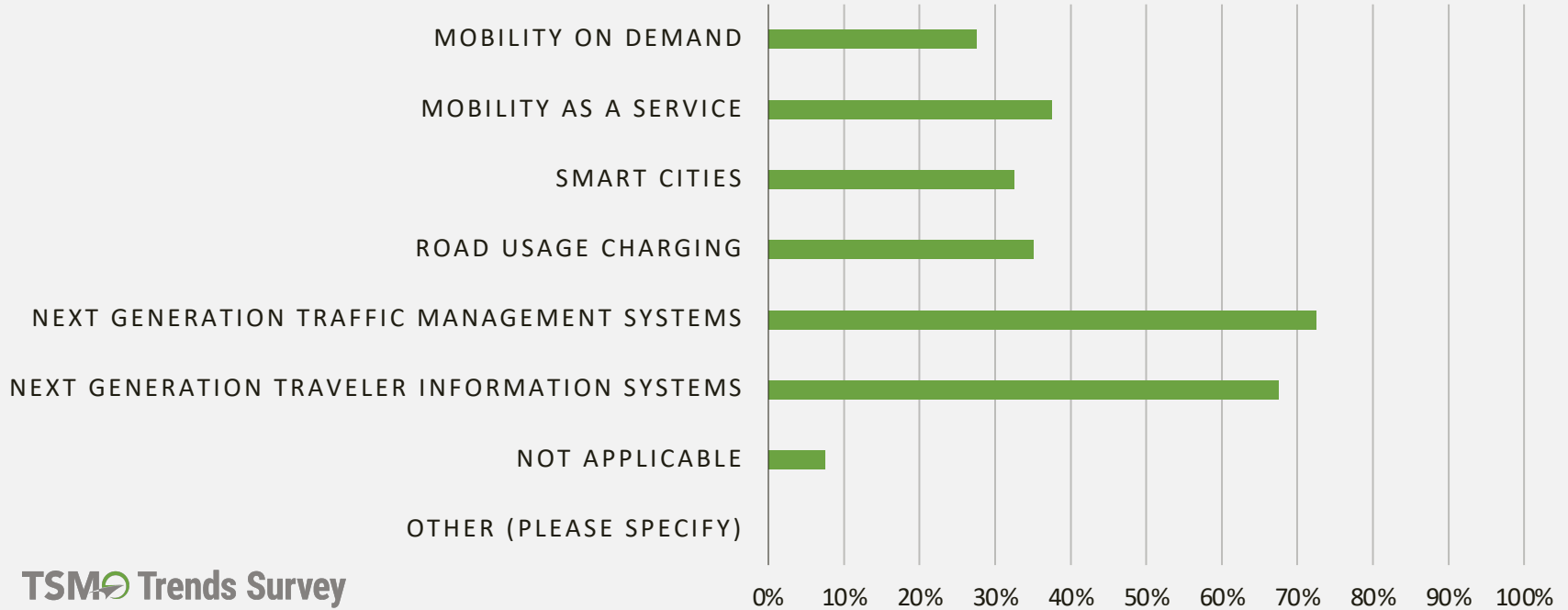
TSMO strategies that your agency has tried to deploy and encountered the most difficult challenges:



TSM Trends Survey

Industry Trends

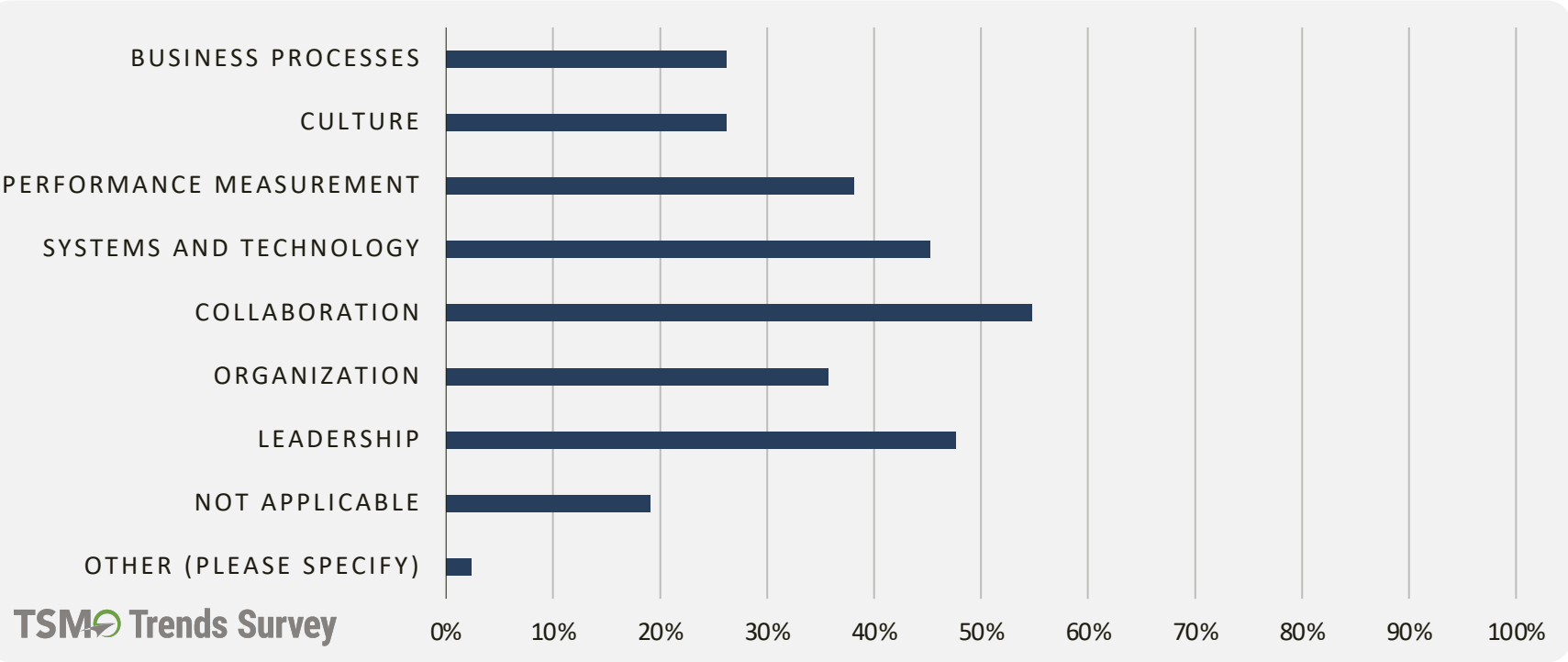
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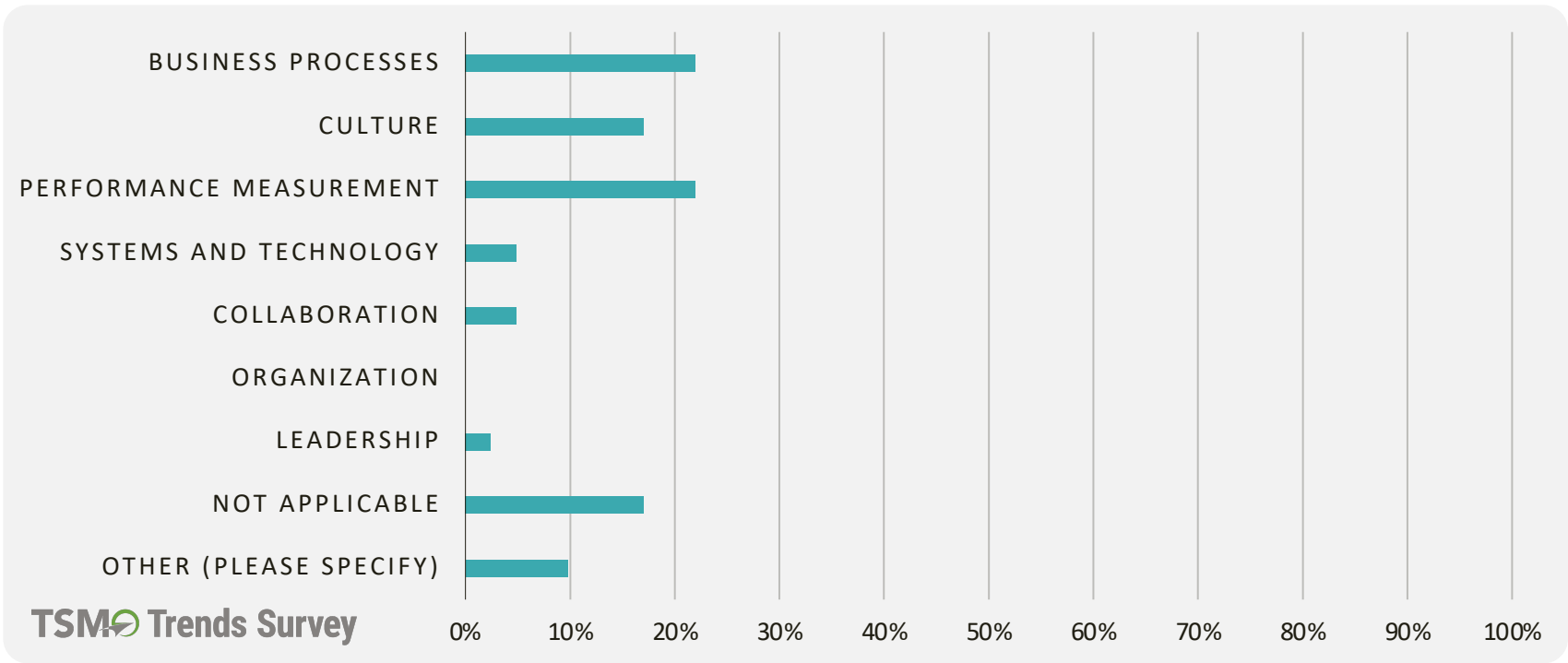
Part 3: Mainstream TSMO as a core function of providing transportation system solutions for all

Please select the areas of strength for your agency regarding mainstreaming TSMO:



TSM Trends Survey

Based on your agency's experience, please select the areas with opportunity for improvement for mainstreaming TSMO:



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Presenters



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