



Potential Road Infrastructure Investment in Mauritius





**Mauritius
Development**

**Mauritius's
Infrastructure**

**Financial
Spending**

**Asset
Stakeholders**

Future

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Mauritius Infrastructure

Financial Spending

Asset Stakeholders

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Mauritius is an island country, located some 500 miles east of Madagascar in the middle of the Indian Ocean



Islands of the Republic of Mauritius on the globe excluding the Chagos Archipelago and Tromelin island.





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- It was discovered in 1638 by the Dutch and named after Prince Maurice Van Nassau

Several countries colonised the island consecutively:

1. Dutch
2. French
3. English

Mauritius gained independence from the UK in 1968 and has since then embarked to modernized and developed its economy and Infrastructure.





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Mauritius -Quick Facts

Total land
Area 2,040 km²

Water (%) 0.07

Population 1.3 million

GDP (PPP): \$25.9 billion
3.4% growth

3.4% 5-year compound
annual growth

\$20,422 per capita

Unemployment: 7.8%



Port Louis Capital of Mauritius



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Mauritius -Development

- 1,200 km of existing classified roads connects the major towns and villages on the island.
- A system of unclassified Road is also present.
- Major road construction Under the Road Decongestion Programme is Underway.
- A new metro line is being implemented and will be ready this years.





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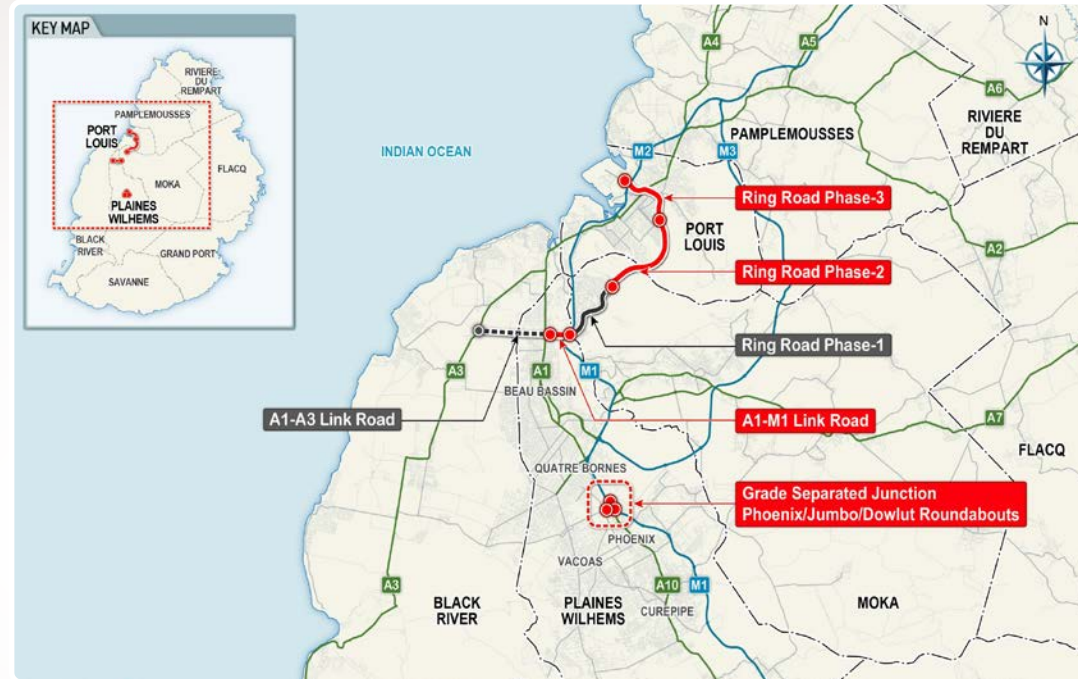
Mauritius -Infrastructure

2,428 km of roads including 99 km of expressways.

The number of vehicles per km of road is at 177 –(4th in the world)

Road Decongestion Programme under way namely with Korean consultancy

- 1) A1-M1 Bridge
- 2) Grade separated junction at Jumbo.



Major Roads projects being undertaken



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Road Projects under the Road Decongestion Programme (Being constructed and planned)

Grade Separated Junction	Reinforced Earth and Elevated Round About	
A1-M1 Link Road	Extra dozed Bridge (330m)	
Ring Road Phase 2	1 Tunnel (1,190m)	2 Tunnels (1,900m)
Ring Road Phase 3	2 Lanes	4 Lanes

Approx Const. cost: 414.6 mil. USD



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Grade Separated Junction Jumbo



Approx Const. cost: 42 mil. USD



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Grade Separated Junction Jumbo



Approx Const. cost: 42 mil. USD



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A1-M1 Bridge



Approx Const. cost: 69 mil. USD



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A1-M1 Bridge



Approx Const. cost: 69 mil. USD



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New Road Projects to be procured

Ring Road Phase 2	2 Tunnels (1,900m) + New road	128 Million USD
Ring Road Phase 3	New Road	122 Million USD

Approx Const. cost: 250 mil. USD



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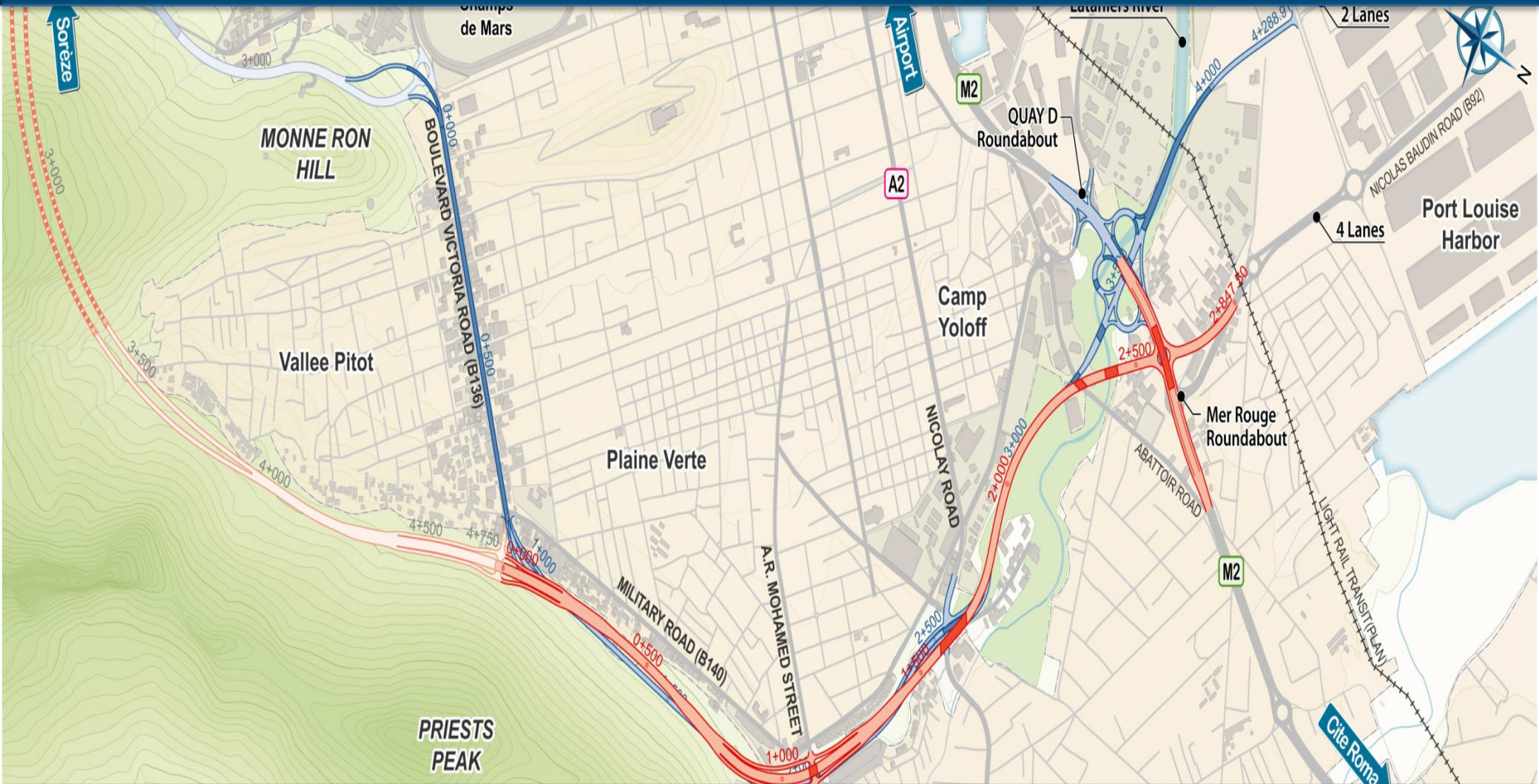
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Ring Road Phase 2 & 3



Approx Const. cost: 250 mil. USD



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Ring Road Phase 2 & 3



Approx Const. cost: 250 mil. USD



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Mauritius –Infrastructure Financial Spending

RDA EXECUTIVE BUDGET SUMMARY ESTIMATES 19/20

	Estimates 2019/20
Description	Million USD
Studies	0.2
Capital Projects	43.3
Bridges	1.58
Maintenance	22.9
Total	67.9



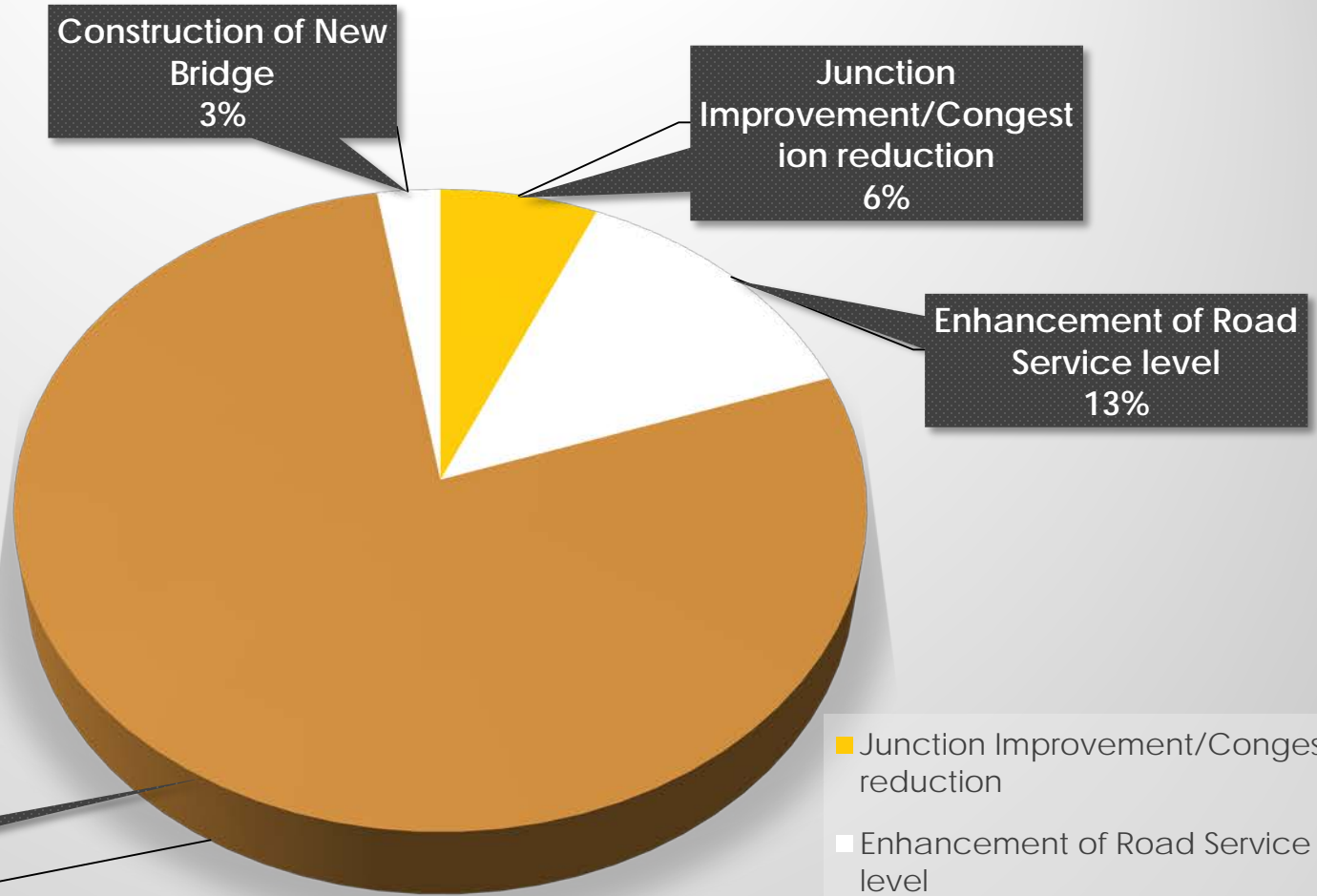
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Improved connectivity
78%

Mauritius –
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- Junction Improvement/Congestion reduction
- Enhancement of Road Service level
- Improved connectivity
- Construction of New Bridge



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RDA EXECUTIVE BUDGET SUMMARY ESTIMATES 18/19

		Estimates FY 18/19
Description		Rs M
Ongoing projects		
Studies		56.4
Capital Projects		2862.3
Bridges		258.2
Maintenance		600.0
Sub Total - ongoing projects		3776.9
New projects		
Studies and Surveys		0
New Capital projects under specific themes :		
Junction Improvement/Congestion reduction		50
Enhancement of road service level		100
Improved connectivity		593
Environmental and Sustainability		0
Flood and Risk Management Measures		0
Construction and Upgrading of Bridges		20
Sub Total - new projects		763
Enabling works for Metro and Roads Interface		
Grand Total		4,539.9

(129 m USD)



Mauritius Development

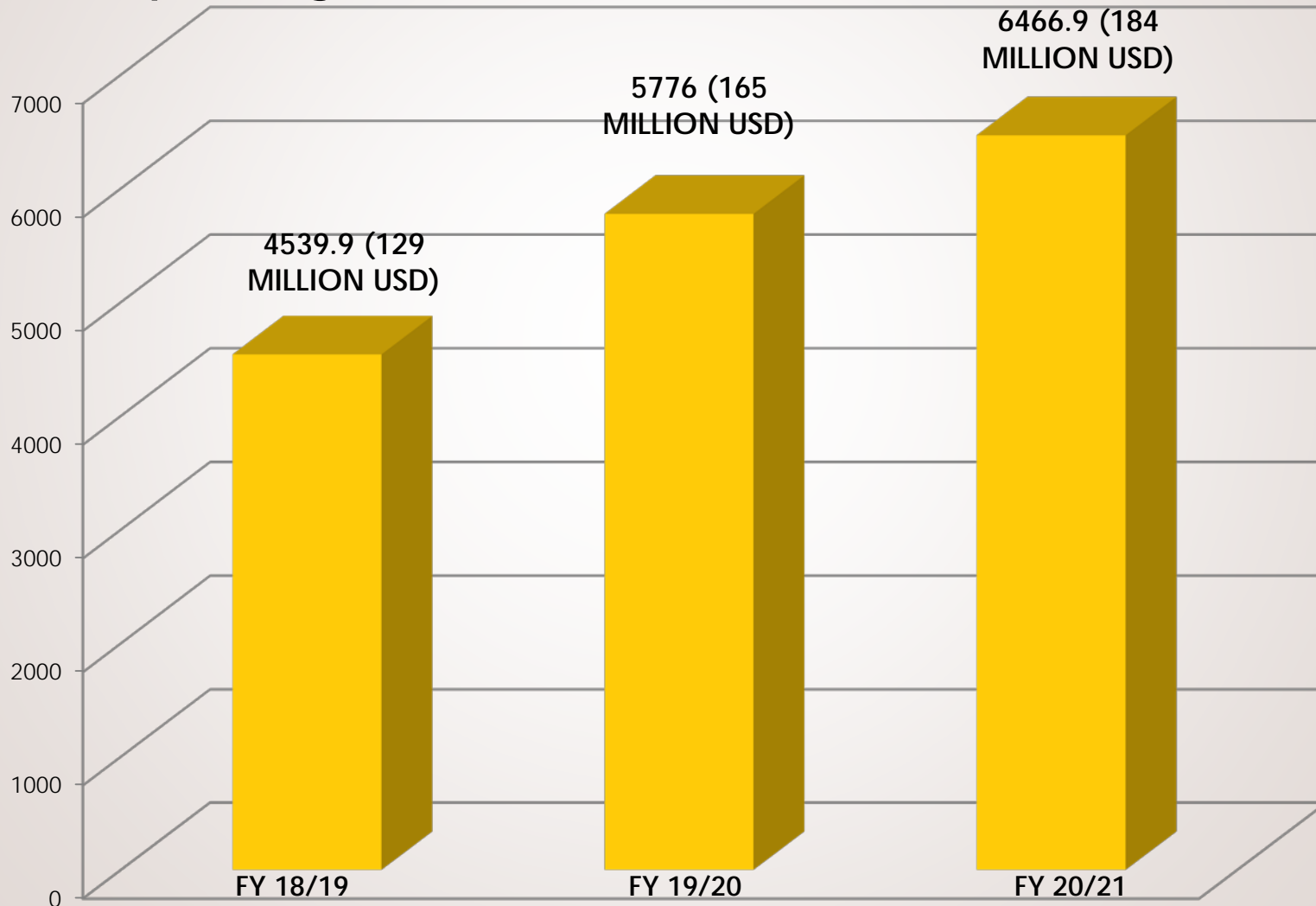
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Mauritius –Infrastructure Road Development Authority Financial Spending until 2021





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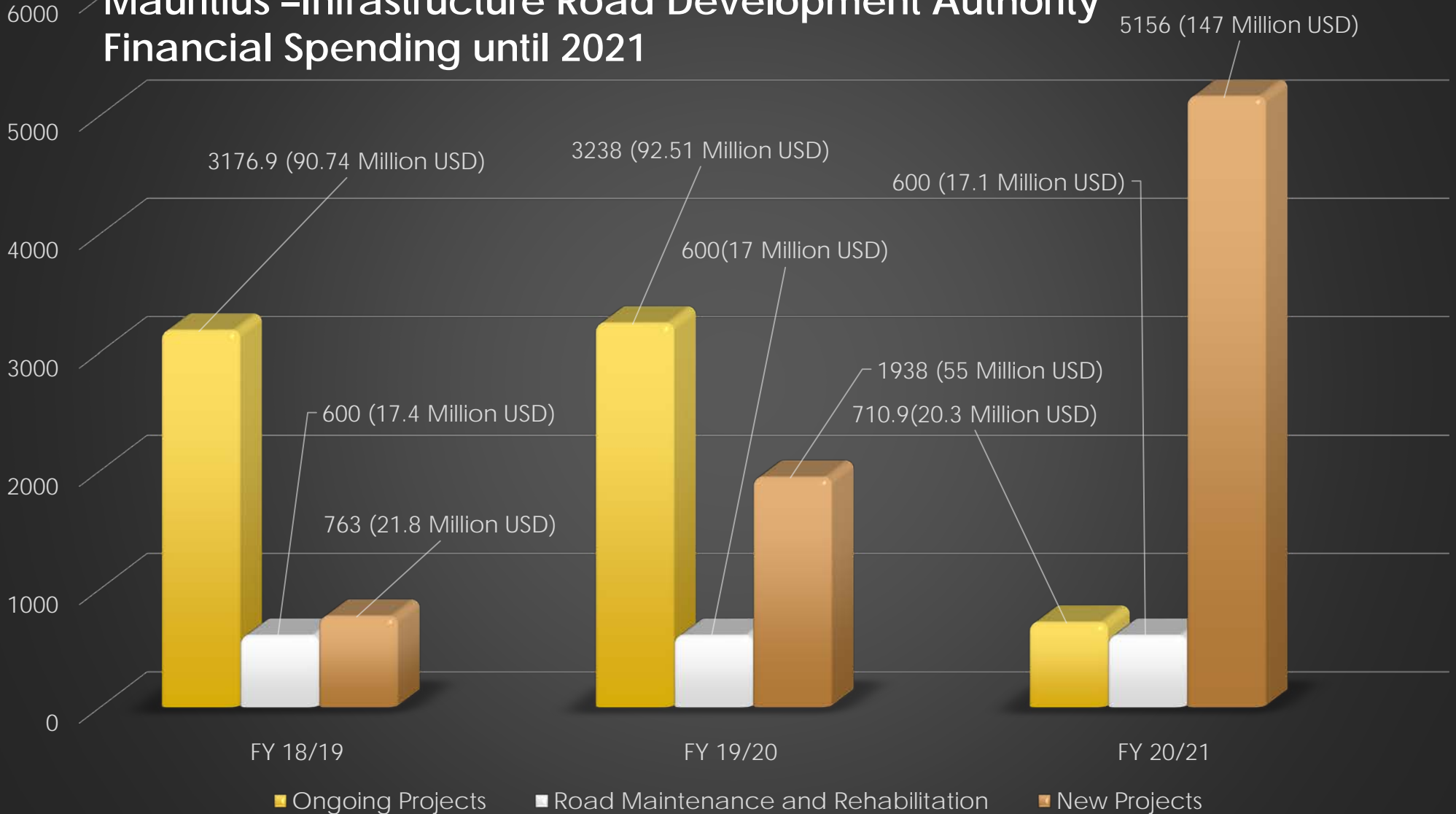
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Mauritius –Infrastructure Road Development Authority Financial Spending until 2021





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Mauritius –Financial Spending - Road Development Authority (Last 3 Years)

DESCRIPTION	FY 2015-16	FY 2016-17	FY 2017-18
Original Budget- including decongestion projects	1165.3	1904.1	3325.7
Actual Expenditure – including decongestion projects	992.8	1468.8	2383.5
% Achieved	85%	77%	72%



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Asset Stakeholders in Infrastructure

DESCRIPTION	Organisation
Classified Roads	Road Development Authority
Non Classified Roads	Local Government Authorities
Metro line (Being Constructed)	Metro Express Ltd(Government Owned Entity)

Projects in the current pipeline
for RDA

Ring Road Phase 2	2 Tunnels (1,900m) + New road	128 Million USD
Ring Road Phase 3	New Road	122 Million USD
La Vigie-la Brasserie	New Road	35 Million USD

Approx Const. cost: 285 mil. USD



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About RDA

The Road Development Authority (RDA), a body corporate established by Act No. 6 of 1998, operates under the aegis of the Ministry of Public Infrastructure, Land Transport and Shipping. RDA is also a representative on the Morcellement Board, EIA Committee, wherein recommendations in regard to access on classified roads and Motorways are given.

The Authority is responsible for the construction, care, maintenance and Improvement of motorways and main roads.

The Road Development Authority is administered by a Board and is headed by the General Manager



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Current Collaboration with Korea in Infrastructure Development

RDA signed a contract with Korea Expressway Corporation on 5 April 2016 for consultancy to promote technical and institutional knowledge in the field of transport and roads.

Phase 1 of the Consultancy completed by KEC. (2015-2017)

Phase 2 consisting of supervision of construction works ongoing. (2018-2022)

Korea Expressway Corporation helped for the technical assistance of the repair of the Terre Rouge Verdun Motorway M3 (Video Presentation)- (2015-2019)



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Possible Collaboration in Infrastructure Development with RDA

- Project Financing of Ring Road Phase 2 and 3 in financial year 2019 (250 Million USD)
- Technical assistance and consultancy for tunnelling technology for the 1.9 km for Phase 2.
- Construction Services for the Ring Road Phase 2 and 3 projects.
- New technologies such as implementation of Intelligent Transportation System
- New Construction techniques for resilient road and infrastructure in light of global warming.

Medium term Strategy

1. Introduction of the Asset Management for Road Infrastructure

AIM: Transforming RDA from conventional entity into an Asset Management Organisation in line with international practice

- Introduction of Output and Performance based Road Contracts (OPRC) for cost effective maintenance works
- Acquire modern tools (such as specialised software, sophisticated vehicles for data collection) for road network updates and condition
- Construction of resilient infrastructure – Both hard and soft

Medium term Strategy

2. Macro level transport planning

AIM: Open new areas of the country for development, sustain economic growth and increase national efficiency

- *Interconnectivity of different area by Development of New Travel corridors (East to West , North East to South West connector).*
- *Dedicated Bus lanes and Bicycle lanes*
- *Integration of road network with multi modal transport*
- *To implement Intelligent transport systems*

Long Term Strategy

Planning for Future New Travel Corridors

Ring Road Phase 1,2 &3

Proposed East West
Connector

A1-A3

A1-M1

Tamarin Bypass

La Vigie La Brasserie Road

Flic en Flac bypass

Proposed East Coast
Trunk Road

Proposed Nouvelle
France to Souillac
Dual Carriageway



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THANK YOU