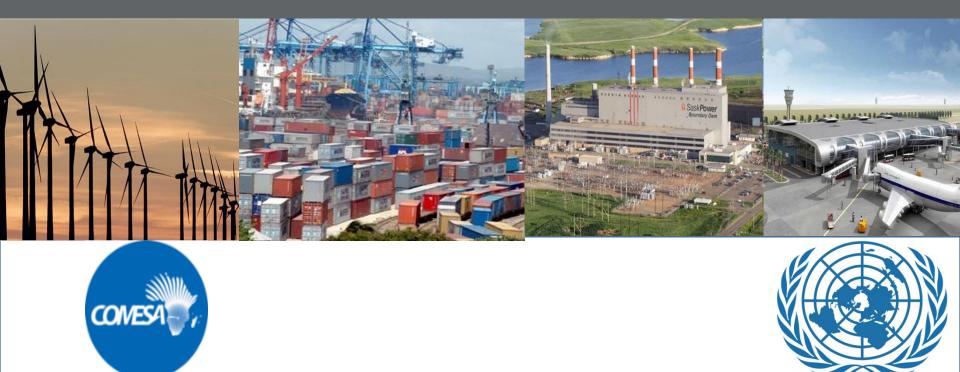
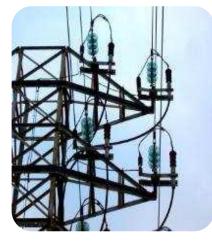
Challenges & Needs for Countries in Special Situations in Achieving Sustainable Transport

UN HQ, New York, May 2016













Social

Sustainable Transport

Economic

Environmental

Concept of Sustainability



Dimensions

Economic

Environmental

Social

Challenges & Needs

Economic



(1) Transport Infrastructure investment requirements (2) Transport infrastructure maintenance costs (3) Long investment recovery periods (4) Inefficiency of operation of transport systems (5) Growing population (6) Weak Institutions

Challenges

- (a) Low Incomes
- (b) Small Market
- (c) Limited scope to liberalize
- (d) Natural monopolies
- (e) Gvt main player
- (f) Inland waterways & railways in poor state
- (g) Energy efficiency
- (h) Weak skills base

Needs

(i) Funding - investment & maintenance

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(ii) Increased private sector participation

(iii) User Pays

(iv) Policy & institutional reforms

(v) Modal shift to environmental friendly modes

(vi) Skills development

(vii) Develop transport corridors

Challenges & Needs



Environmental (1) Climate change

(2) Pollution

(3) Resource conservation

(4) Sources of energy

(5) Open-space preservation

(6) Biodiversity

Challenges

 (a) Resource based economies
(b) Used technology recipients
(c) High pollution levels
(d) Old infrastructure & equipment- lagging technologically
(ii) fr
(iii) fr</

(f) Environmentally friendly transport modes in bad shape

(g) Waste disposal

Needs

(i) investment in environmentally friendly transport infrastructure & technology (ii) Investment in renewable energy (iii) Promote modal shift to environmentally friendly transport modes dly shape (iv) Need for environmental impact indicators in transport (v) Policy framework on environmental management in transport (vi) Develop Green Freight Corridors

Challenges & Needs



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Social			
(1) Health & safety	Challenges		
(2) Security (3) Equity	(a) Prevalence of accidents & high fatality levels	Needs	
(4) Community development	(b) Theft & vandalism	(i) Strong safety regulatory framework	
(5) Culture	(c) Inequitable	(ii) Community involvement	
	(d) HIV risk along transport	(iii) Deterrent sentences for offenders	
	corridors	(iv) Vandal proof technology	
	(e) Bad roads and railway lines	(v) Accessible and affordable infrastructure & equipment	
	(f) Urban congestion	(vi) CSI programmes (vii) Health and safety training programmes along corridors	



THANK YOU FOR YOUR KIND ATTENTION

Bernard Dzawanda Senior Transport Economist Common Market for Eastern and Southern Africa Infrastructure & Logistics Division Lusaka, Zambia Tel: +260 978829149 Email: bdzawanada@comesa.int