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## BACKGROUND DOCUMENTS

**Land** 50% of land is Fertile Land

**People** mountains area is in North country  
rural area is in central and south country  
west neighbour is Rosania which is not focus on Asiania  
East neighbour is Normalia, a competitive neighbour  
Population is concentrated in south area

**Economic** Economic income is from mineral excavation, export, tourism, trade of oil gas  
Road infrastucture is best in south and poor in north country  
Financial Bussiness is high in south area  
Government has concert in food secuty happened in north area

**National** Headed by Prime Minister  
Asiania has 10 ministries  
Democratic type of government

**ICT** government is savvy ICT  
ict use well in south area  
4G LTE is in south area  
3G is in north area

	<b>Expected Outcomes</b>
	<b>smart city</b>
1	Increase productivity in agriculture from North area
2	Manufacturing
3	Proper Planning in security aspect
4	The usage of Big Data in country development
5	National Security
6	environment pollution handling
7	Service information, like weather
8	government deploy ict digital society

# Challenges and Solutions

Policy, Legislation and Regulation Cluster		
1	Protect the incumbent ICT industry	Carrefully regulation for unlicensed IoT technology
2	Ecosystem encouragement to avoid jobless wave	Elaboration forum to incubate/accelerate industry
3	National Security	Since data is becoming a very strategic resource, security standar is needed
4	IoT must support vertical sector	
5	Smart City standarization	In developing ecosystem is to support the vertical aspect especially in manufacture and agriculture
6		Smart City standard as the KPI for the governor or major
Institution and coordination cluster		
1	Vertical/Makers/Operator/Technoly Owner/Capital	There will be IoT Lab as the incubutor for startup
2	Regulator/Operator	To protect the industry and growing GDP from new sector of industry arise
Technology, spectrum, standards, infrastructure and		
1	NbIoT	incumbent operator eligible to implement NbloT with existing spectrum
2	LORA/SigFox	LORA can be implemented In rural area only
3	RFID/WiFi	Must be diligent regulated to avoid interference in massive IoT
Knowledge and skills cluster		
1	Programming	
2	Electronic/Controll System	
Innovation and Services		
Government to build ecosystem elaboration system to		
Smart City, Smart Imigration, Smart Agriculture,		
Security cluster		
for prime minister and government office		
banking		