

1st PROMESA Conference

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Public Private Partnerships

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EcoEléctrica



1st. PROMESA CONFERENCE

- ▶ Infrastructure areas with possibilities of P3s:
 - ▶ Energy
 - ▶ Water
 - ▶ Homeland Security
 - ▶ Security and Health
 - ▶ Transportation



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- ▶ Characteristics used to prioritize projects:
 - ▶ Infrastructure
 - ▶ Critical
 - ▶ Economic and environmental benefits
 - ▶ Creation of jobs



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Energy

- ▶ Privatization of facilities to diversify the energy offers:
 - ▶ Generation facilities.
 - ▶ New gas fired combined cycle power plant at or near the Costa sur area.
 - ▶ Re-powering of generation at Costa Sur.
 - ▶ Transmission and distribution.
 - ▶ Improvements for the integration of renewable technologies.
 - ▶ Increase reliability of energy supply.
- ▶ LNG pipelines:
 - ▶ To service Aguirre.
 - ▶ Others



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Energy

- ▶ Project: Costa Sur units 1 to 4
 - ▶ new 300MW plant
- ▶ Objectives: Improve reliability.
- ▶ Type: Brownfield/Greenfield
- ▶ Payment mechanism:
Availability, and efficiency savings from decommissioning of old plants.
- ▶ Investment required: \$400M to \$550M





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Energy

- ▶ Project: Gas pipeline
- ▶ Objectives:
Reduce cost of energy and promote economic activity.
- ▶ Type: Brownfield/Greenfield
- ▶ Payment mechanism: Users
- ▶ Investment required: \$100M to \$150M





Water

- ▶ **Improvements to:**
 - ▶ Comply with EPA Consent Decree
 - ▶ Potable water systems
 - ▶ Sanitary systems
- ▶ **Optimize water production**
 - ▶ Implement technology for volume measurement.
 - ▶ Reduction of losses
 - ▶ Capture incremental income



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Water

- ▶ Project: Modernize water treatment plants.
- ▶ Objectives: Improve reliability of service and comply with Consent Decree.
- ▶ Type: Brownfield
- ▶ Payment mechanism: Availability, and savings from decommissioning old plants.
- ▶ Investment required: \$50M to \$200M



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Ports

- ▶ Build a new maritime cargo port.
 - ▶ Preferably outside of the triangle where today 80% of the economic activity occurs.
 - ▶ Facilitate decentralization of the economic activity on the island.
 - ▶ Provide greater security of food and materials supply for the population.





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Ports

- ▶ Project: New maritime port.
- ▶ Objectives:
Decentralize economic activity from San Juan economic triangle that receives 80% of all imports.
- ▶ Type: Greenfield/Brownfield with construction activity.
- ▶ Payment mechanism: Paid by users.
- ▶ Investment required: To be refined.





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Security and Health

- ▶ Build integrated data centers.
 - ▶ Create public data platforms for the population's:
 - ▶ Health information.
 - ▶ Public security.
- ▶ Consolidate data from all agencies.
 - ▶ Facilitate information exchange throughout the government agencies.
 - ▶ Target reduction of abuse and crime.
 - ▶ Facilitate an efficient and cost controlled operation of government.



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Security and Health

- ▶ Project: Build data centers.
- ▶ Objectives: An efficient and cost controlled management of public resources.
- ▶ Type: Brownfield/Greenfield
- ▶ Payment mechanism: Operating expense savings.
- ▶ Investment required: \$100M to \$150M





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Transportation

- ▶ Mass transportation system.
 - ▶ Train
 - ▶ Light rail train.
 - ▶ Express buses.
- ▶ Interconnection to existing train.
 - ▶ Coordinated with existing buses and other transportation service providers.
- ▶ One operator concept to increase efficiency and effectiveness.
 - ▶ Increase reliability of service.



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Transportation

- ▶ Project: Consolidate all mass transportation projects into one.
- ▶ Objectives: Facilitate public transportation to spur economic activity.
- ▶ Type: Brownfield /Greenfield
- ▶ Payment mechanism: Users
- ▶ Investment required: To be refined.





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All others

- ▶ Health:
 - ▶ Construct a new public medical center for the Caribbean Region.
 - ▶ Caribbean Medical Center for traumas, vascular, cerebrovascular, etc.
- ▶ Transportation:
 - ▶ Express lanes for roads.
 - ▶ Parking structures in urban centers.
 - ▶ Improvements to cruise ship ports.
 - ▶ Improvements to existing cargo ports.
 - ▶ Concession and maintenance contracts for certain regional airports.
 - ▶ A limited number of rest areas on certain main roads.
- ▶ Security:
 - ▶ Electronic management of traffic violations.
 - ▶ Consolidation and improvements to detention centers.
- ▶ Taxes:
 - ▶ Electronic management and collection of property taxes.
- ▶ Education:
 - ▶ Improve the physical facilities of public schools through reduction and consolidations.



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Health

- ▶ Project: Construct a new Caribbean Regional Medical Center.
- ▶ Objectives: Create a trauma and vascular and cerebrovascular center of excellence for servicing all of the Caribbean.
- ▶ Type: Brownfield /Greenfield
- ▶ Payment mechanism: Users
- ▶ Investment required: \$100M to \$250M





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Transportation

- ▶ Project: Express lanes on existing roads (PR 52, PR 30, PR 18, PR v26.
- ▶ Objectives: Facilitate public transportation to spur economic activity while improving quality of life.
- ▶ Type: Brownfield with construction activity.
- ▶ Payment mechanism: Tolls
- ▶ Investment required: \$25M to \$200M.



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Transportation

- ▶ Project: Parking structures in urban centers.
- ▶ Objectives: Quality of life and facilitate public and economic activity.
- ▶ Type: Brownfield/Greenfield
- ▶ Payment mechanism: Users
- ▶ Investment required: \$25M to \$150M.





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Transportation

- ▶ Project: Improvements to cruise ship ports.
- ▶ Objectives: Support the tourism industry and increase cruise ship activity.
- ▶ Type: Brownfield with construction activity.
- ▶ Payment mechanism: Users
- ▶ Investment required: \$20M to \$75M.





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Transportation

- ▶ Project: Improvements to cargo ports.
- ▶ Objectives: Support maritime commerce and transform the existing cargo ports into secure technological logistics centers.
- ▶ Type: Brownfield with construction activity.
- ▶ Payment mechanism: Fees and or taxes to users.
- ▶ Investment required: \$20M to \$75M.





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Transportation

- ▶ **Project:** Operating concession or operating and maintenance contracts for certain certified regional commercial airports .
- ▶ **Objectives:** Produce savings for the Ports Authority while increasing efficiency and improving the commercial offer.
- ▶ **Type:** Brownfield with construction activity
- ▶ **Payment mechanism:** User fees and or taxes.
- ▶ **Investment required:** \$20M to \$75M.



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Transportation

- ▶ **Project:** A limited number of rest areas on certain main roads.
- ▶ **Objectives:** Quality of life.
- ▶ **Type:** Greenfield
- ▶ **Payment mechanism:** User fees.
- ▶ **Investment required:** \$10M to \$25M.





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Security

- ▶ **Project:** Electronic management of traffic violations.
- ▶ **Objectives:** Improve quality of life by reducing traffic violations and the need to visit government offices while decreasing risks for police officers.
- ▶ **Type:** Brownfield
- ▶ **Payment mechanism:** Users
- ▶ **Investment required:** \$10M to \$25M.





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Security

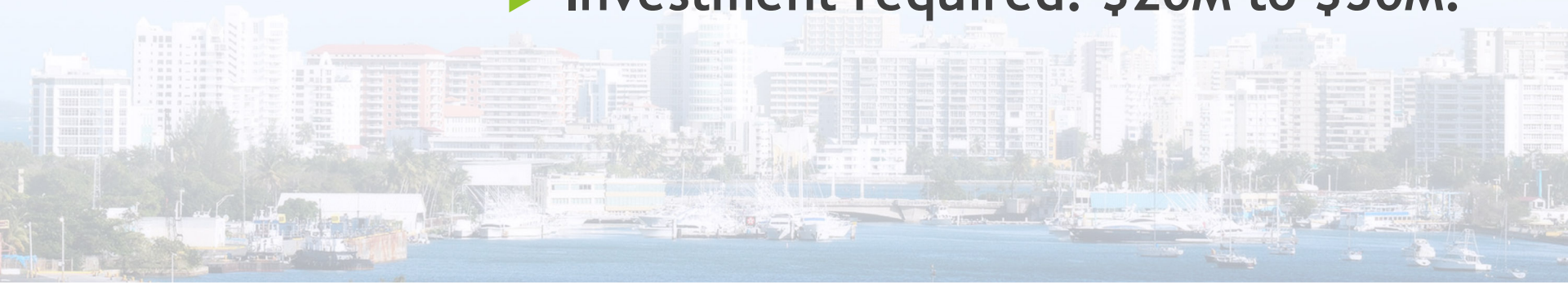
- ▶ **Project:** Evaluate the opportunity to consolidate detention centers.
- ▶ **Objectives:** Provide improved physical conditions and promote rehabilitation and social re-insertion of convict. Should achieve savings through consolidation of facilities.
- ▶ **Type:** Brownfield/Greenfield
- ▶ **Payment mechanism:** Public funds
- ▶ **Investment required:** \$120M to \$175M.



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Taxes

- ▶ **Project:** Electronic management and collection of property taxes.
- ▶ **Objectives:** Improve services while deterring evasion and improving collections.
- ▶ **Type:** Brownfield
- ▶ **Payment mechanism:** Increase In tax revenue and improved collection practices.
- ▶ **Investment required:** \$20M to \$30M.





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Taxes

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Education

- ▶ **Project:** Improve the physical facilities of public schools through reductions and consolidations.
- ▶ **Objectives:** Renovate the infrastructure of chosen schools to convert to 21st century offerings. Savings would be achieved through physical consolidations and closings
- ▶ **Type:** Brownfield
- ▶ **Payment mechanism:** Public funds.
- ▶ **Investment required:** \$234M to \$500M.



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