

GOVERNMENT OF PUERTO RICO

Puerto Rico Fiscal Agency and Financial Advisory Authority

FISCAL PLAN FOR PUERTO RICO

San Juan, Puerto Rico March 13, 2017



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I. INTRODUCTION



What the Government's Proposed Fiscal Plan Seeks to Achieve

Closing the Projected Baseline Fiscal Plan Deficit

- At the direction of the Oversight Board, the Government's new administration has prepared this Fiscal Plan which supersedes the prior administration's December 2016 fiscal plan that was rejected by the Board. From the date the new administration took office, AAFAF and its advisors have earnestly worked in cooperation with the Board's input to put forth a credible and reliable Fiscal Plan that will guide Puerto Rico's fiscal and economic recovery
- The Fiscal Plan commits to fiscal responsibility and implements specific revenue enhancements and targeted expenditure reductions to return Puerto Rico to fiscal stability and economic growth. In particular, the Fiscal Plan averts the \$67bn fiscal deficit from the prior administration's plan and achieves +\$7.9bn in cumulative cash flow available for debt service through the 10 year period

Further Improvement

• The Government fully appreciates that despite fiscal and economic uncertainties, now is the time to set the benchmark for the needed fiscal and economic measures as outlined in the Fiscal Plan. The Government is demonstrating its commitment to correcting the mistakes of the past. The Government is also mindful that in stopping the cycle of deficit spending, it must do so without undermining economic recovery or endangering the health, welfare or safety of the 3.5 million US citizens living in Puerto Rico

Bondholder Negotiations and Consensus

- Per PROMESA Section 2.01(b)(1)(I), the fiscal plan must provide a debt sustainability analysis. The Government's Fiscal Plan consolidates available cash resources that can be made available for debt service payments. The Fiscal Plan as proposed does not presume cash flow for debt service for any particular bondholder constituency, including clawed back cash and special revenues, nor does it take a position with respect to asserted constitutional or contractual rights and remedies, validity of any bond structure, or the dedication or application of tax streams / available resources
- The Government believes that any fiscal plan should reflect commitment to develop and implement operational and structural improvements that demonstrate the Government's willingness to achieve maximum payment of its debt obligations as restructured. However, in achieving debt sustainability, Puerto Rico's bondholders will be called upon to share in the sacrifice needed for a feasible debt restructuring. The Government believes communication, grounded in fiscal responsibility, can create the opportunity for maximum consensus among stakeholders and pave the way for Puerto Rico's long-term fiscal stability and economic growth



What the Fiscal Plan does not determine

Major Entities Impacted by the Fiscal Plan

The Fiscal Plan is for the Government as a covered entity under PROMESA. The Government's various taxes, fees and other revenues are used to fund, subsidize or guarantee payments of the debt of many covered entities by various means. Accordingly, this Fiscal Plan does provide for payment of expenses and capital investments in, among other covered entities: (1) Public Building Authority, (2) PR Sales Tax Financing Corporation ("COFINA"), (3) PR Highways and Transportation Authority ("HTA"), (4) PR Convention Center District Authority ("PRCCDA"), (5) PR Infrastructure Finance Authority ("PRIFA"), (6) Employees' Retirement System ("ERS"), (7) University of Puerto Rico ("UPR"), (8) Puerto Rico Industrial Development Company ("PRIDCO"), and (9) Government Development Bank ("GDB")

Major Entities Not Covered by the Fiscal Plan

• There are four entities whose revenues and expenses are not included in this Fiscal Plan: (1) Puerto Rico Electric Power Authority ("PREPA"), (2) Puerto Rico Aqueduct and Sewer Authority ("PRASA"), (3) The Children's Trust Fund and (4) Puerto Rico Housing Finance Authority ("PRHFA"). As a result, this Fiscal Plan does not take a position with respect to these entities' financial prospects or the debt sustainability of such entities

Legal & contractual issues not determined by the Fiscal Plan

The Fiscal Plan does not attempt to resolve, among others, the following issues:

- The mechanisms by which projected cash flow available for debt service should be allocated to different debt instruments
- What is an essential service for purposes of the exercise of the Government's police power
- The scope, timing or specific use of revenues to be frozen or redirected as 'claw back' revenue
- The value, validity and /or perfection of pledges
- Whether any particular bond or debt issuance may have been improvidently issued
- What the Government is permitted to accomplish through the increase or decrease of dedicated taxes, fees, tolls or other revenue sources

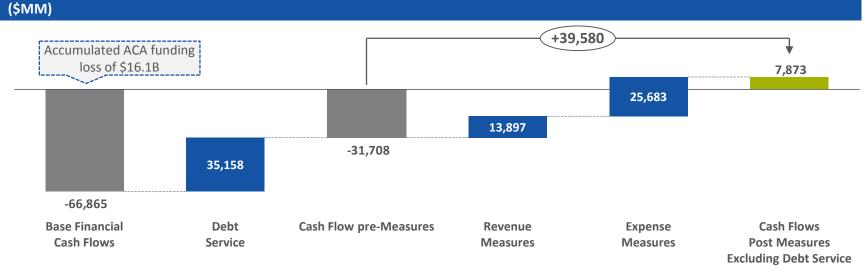


II. FINANCIAL PROJECTIONS



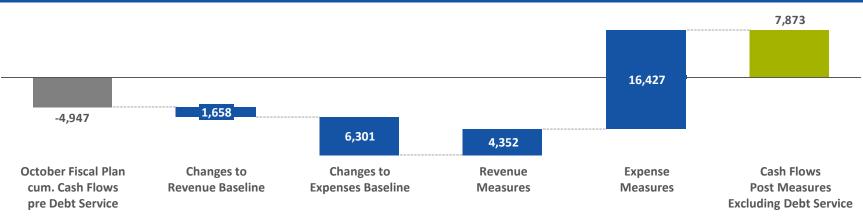
The Government will undertake fiscal measures that will reduce the fiscal gap by \$39.6B, and create a 10 year cash flow surplus of \$7.9B

- Based on the currently stated debt obligations, the 10-year budget gap is expected to reach \$66.9B
 - ~\$35.1B of expected principal and interest payments during the forecast period
- The Fiscal Plan estimates cash flows available for debt service. The chart below shows the key components of the forecast, including:
 - Base fiscal gap of \$66.9B which includes full cost of debt service and does not include the impact of revenue and expense measures
 - Revenue and expense measures of \$13.90B and \$25.7B¹
 - Revenue Measures: stabilizing corporate tax revenue through tax reform positively affects cash flows by \$7.9B
 - Expense Measures: \$19.2B of \$25.1 (76%) due to Government right-sizing initiatives²



The current fiscal plan is a significant departure from the version presented in October, as it commits to higher revenue and expense measures of \$4.4B and \$16.4B, respectively

- The October proposed Fiscal Plan estimated negative cumulative cash flows pre-debt service over the projection period ('17-'26) of (\$4.9B) vs. the Current Fiscal Plan projections estimating positive cumulative cash flows pre-debt service of \$7.92B. The change is comprised primarily of:
 - Negative net impact on cash flows available for debt service, pre-Measures of -\$8.0B
 - Decrease in total revenues of \$1.7B
 - Decreased expenses of \$6.3B
 - Enhanced revenue measures of \$4.4B
 - Additional savings from Expense Measures of \$16.4B



(\$MM)



A summary of financials for the 10-year projection period shows positive cash flows postmeasures, before debt service of \$7.9B

(\$MM)

Fiscal year ending June 30 (\$ in millions)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	<u>'17 - '26 total</u>
PR Nominal GNP Growth	(2.2%)	(2.8%)	(2.4%)	(0.5%)	(0.4%)	0.3%	1.0%	1.6%	2.1%	2.6%	
Revenues before Measures ¹	\$18,952	\$17,511	\$16,407	\$16,434	\$16,494	\$16,590	\$16,746	\$16,953	\$17,204	\$17,509	\$170,799
Noninterest Exp. before Measures ¹	(\$17,872)	(\$18,981)	(\$19,233)	(\$19,512)	(\$19,950)	(\$20,477)	(\$20,884)	(\$21,310)	(\$21,973)	(\$22,316)	(\$202,507)
Cash flows pre-Measures	\$1,080	(\$1,470)	(\$2,826)	(\$3,077)	(\$3,456)	(\$3,886)	(\$4,139)	(\$4,357)	(\$4,769)	(\$4,807)	(\$31,708)
Measures											
Revenue measures		924	1,381	1,384	1,531	1,633	1,740	1,752	1,766	1,785	13,897
Expense measures		951	2,012	2,415	2,983	3,156	3,255	3,357	3,724	3,830	25,683
Net impact of measures		1,875	3,393	3,799	4,515	4,789	4,995	5,108	5,491	5,615	39,580
Cash flows post-Measures, before Debt Service	\$1,080	\$404	\$567	\$722	\$1,059	\$903	\$857	\$751	\$722	\$808	\$7,873

Cash flows post-measures, before debt service trends:

- FY 2017 estimate of \$0.8B, declining to a low of \$0.4B in FY 2018, driven by GNP contraction and ERS Paygo contributions of \$1.0B in FY 2018
- Forecast peaks at \$1.1B in FY 2021 before declining to \$0.8B by FY 2026. Decline is primarily driven by Affordable Care Act ("ACA") funding expiration that increase steadily from ~\$0.9B in FY 2018 to ~\$2.4B in FY 2026
- Expense measures include \$1.3B in supplier payment pay downs through the projection period



Revenues before measures

(\$MM)

Fiscal year ending June 30 (\$ in millions)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	'17 - '26 total
PR Nominal GNP Growth	(2.2%)	(2.8%)	(2.4%)	(0.5%)	(0.4%)	0.3%	1.0%	1.6%	2.1%	2.6%	
Revenues											
General Fund Revenues:											
Individual Income Taxes	\$1,811.0	\$1,760	\$1,718	\$1,709	\$1,703	\$1,708	\$1,725	\$1,752	\$1,789	\$1,836	\$17,511
Corporate Income Taxes	\$1,515.0	1,473	1,437	1,430	1,424	1,429	1,443	1,466	1,497	1,536	14,649
Non-Resident Withholdings	\$685.0	666	650	647	644	646	652	663	677	694	6,624
Alcoholic Beverages	\$268.0	260	254	253	252	253	255	259	265	272	2,591
Cigarettes	\$112.0	109	106	106	105	106	107	108	111	114	1,083
Motor Vehicles	\$330.0	321	313	311	310	311	314	319	326	335	3,191
Excises on Off-Shore Shipment Rum	\$172.0	173	175	176	178	179	180	182	183	184	1,782
Other General Fund Revenue	506.0	386	377	375	373	374	378	384	392	402	3,948
Total	5,399	5,148	5,030	5,007	4,989	5,005	5,055	5,134	5,239	5,372	51,379
General Fund Portion of SUT (10.5%)	1,718	1,655	1,596	1,553	1,511	1,484	1,472	1,474	1,487	1,512	15,463
Net Act 154	2,075	1,556	1,038	1,038	1,038	1,038	1,038	1,038	1,038	1,038	11,931
General Fund Revenue	\$9,192	\$8,360	\$7,664	\$7,598	\$7,538	\$7,527	\$7,565	\$7,646	\$7,764	\$7,921	\$78,773
Additional SUT (COFINA, FAM & Cine)	850	877	906	936	968	1,003	1,039	1,078	1,118	1,161	9,936
Other Tax Revenues	1,337	1,396	1,401	1,411	1,423	1,429	1,436	1,445	1,455	1,466.6	14,199
Other Non-Tax Revenues	579	576	582	594	622	630	635	642	649	665.8	6,174
Adj. Revenue before Measures	\$11,958	\$11,208	\$10,552	\$10,539	\$10,550	\$10,588	\$10,675	\$10,810	\$10,986	\$11,215	\$109,082
Federal Transfers	6,994	7,168	7,372	7,477	7,623	7,835	8,023	8,212	8,469	8,675	77,847
Loss of Affordable Care Act ("ACA") Funding		(865)	(1,516)	(1,582)	(1,680)	(1,833)	(1,953)	(2,069)	(2,251)	(2,382)	(16,130)
Revenues before Measures	\$18,952	\$17,511	\$16,407	\$16,434	\$16,494	\$16,590	\$16,746	\$16,953	\$17,204	\$17,509	\$170,799



Non-interest expenses before measures

(\$MM)

Fiscal year ending June 30 (\$ in millions)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	'17 - '26 total
Expenses											
General Fund Expenditures:											
Direct Payroll	(\$3,271)	(\$3,309)	(\$3,342)	(\$3,375)	(\$3,413)	(\$3,458)	(\$3,509)	(\$3,563)	(\$3,619)	(\$3,675)	(\$34,532)
Direct Operational Expenses	(907)	(918)	(926)	(936)	(946)	(959)	(973)	(988)	(1,003)	(1,019)	(9,574)
Utilities	(260)	(332)	(352)	(360)	(373)	(372)	(369)	(374)	(387)	(395.5)	(3,575)
Special Appropriations	(3,890)	(4,037)	(4,068)	(4,068)	(4,209)	(4,140)	(4,143)	(4,136)	(4,250)	(4,147)	(41,087)
General Fund Expenses	(8,329)	(8,596)	(8,688)	(8,738)	(8,941)	(8,929)	(8,993)	(9,060)	(9,259)	(9,236)	(88,768)
Other:											
Paygo Contributions in Excess of Asset Balance		(989)	(1,014)	(985)	(964)	(1,151)	(1,177)	(1,217)	(1,251)	(1,278)	(10,026)
Run-Rate Capital Expenditures	(283)	(400)	(407)	(415)	(422)	(429)	(437)	(445)	(453)	(462)	(4,154)
Total other	(283)	(1,389)	(1,421)	(1,400)	(1,386)	(1,581)	(1,614)	(1,662)	(1,704)	(1,739)	(14,180)
Component Units, Non-GF Funds and Ent. Funds:											
Net Deficit of Special Revenue Funds	(110)	(130)	(146)	(154)	(162)	(169)	(173)	(176)	(176)	(174)	(1,571)
Independently Forecasted Non-Enterprise CUs	(452)	(380)	(433)	(558)	(639)	(752)	(859)	(963)	(1,109)	(1,210)	(7,356)
HTA Operational Expenses	(246)	(234)	(236)	(238)	(239)	(243)	(246)	(250)	(254)	(258)	(2,444)
Other	(44)	(41)	(30)	(30)	(30)	(31)	(31)	(32)	(32)	(33)	(335)
Total	(853)	(785)	(845)	(980)	(1,071)	(1,194)	(1,310)	(1,420)	(1,572)	(1,675)	(11,705)
Disbur. of Tax Revenues to Entities Outside Plan	(335)	(302)	(304)	(307)	(313)	(314)	(316)	(319)	(322)	(334)	(3,168)
Adj. Expenses before Measures	(\$9,800)	(\$11,071)	(\$11,259)	(\$11,425)	(\$11,712)	(\$12,018)	(\$12,234)	(\$12,461)	(\$12,857)	(\$12,984)	(\$117,822)
Federal Programs	(6,994)	(7,168)	(7,372)	(7,477)	(7,623)	(7,835)	(8,023)	(8,212)	(8,469)	(8,675)	(77,847)
Reconciliation Adjustment	(585)	(592)	(598)	(604)	(610)	(618)	(627)	(637)	(647)	(657)	(6,175)
Other non-recurring	(493)	(150)	(5)	(5)	(5)	(5)					(663)
AP paydow n											
Total	(8,072)	(7,910)	(7,975)	(8,086)	(8,238)	(8,458)	(8,650)	(8,849)	(9,116)	(9,332)	(84,685)
Noninterest Exp. before Measures	(\$17,872)	(\$18,981)	(\$19,233)	(\$19,512)	(\$19,950)	(\$20,477)	(\$20,884)	(\$21,310)	(\$21,973)	(\$22,316)	(\$202,507)



Assumptions and Methodology: Expenses (1/2)

Category	Description	2017 \$MM	2026 \$MM	2017 – 2016 Growth Methodology
1 Direct Payroll	 Payroll and Operational Expenses Education Payroll Police Payroll 	-3,271	-3,675	 Growth based on previous year multiplied by PR Inflation and Inflation pass-through to payroll
 2 Direct Operational Expenses 	LegislatureDepartment of EducationOther Agencies	-907	-1,019	 Growth based on previous year multiplied by PR Inflation and Inflation pass-through to payroll
3 Utilities	 Power and Water PBA Operating Subsidy (Rent) Insurance Premiums 	-260	-396	 PBA Operating Subsidy maintains Power and water have initial increase due to subsidy reduction with steady year-over-year growth until 2026
4 Special Appropriations	 UPR Judicial and Municipalities Retirement Systems Health Insurance 	-3,890	-4,147	 UPR, Judicial and Municipalities increase in 2018, maintain steady-state following initial growth
5 Paygo Contributions in Excess of Asset Balance	 Required Pay-go contribution: ERS, TRS and JRS 		0 -1,278	 Paygo program for ERS, TRS and JRS is initiated in 2018 with initial expenses of \$989MM Steady growth in expenses starting in 2020
6 Run-Rate Capital Expenditures	 Non-Growth Capital Expenditures in the Base (Run-Rate) Growth Capex 		284 -462	 Initial increase in 2018 to \$400MM and steady growth in following years based on previous year multiplied by PR Inflation following

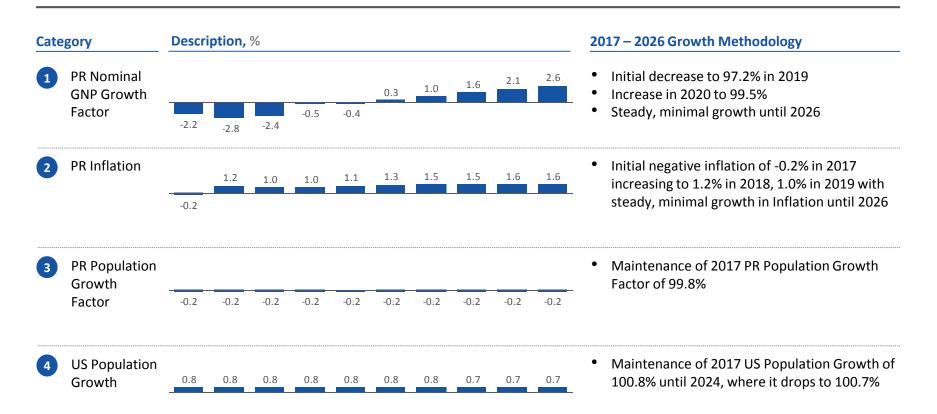


Assumptions and Methodology: Expenses (2/2)

Cate	egory	Description	2017 \$MM	2026 \$MM	2017 – 2026 Growth Methodology
7	Reconciliation Adjustment	 Reconciliation Adjustment 	-585	-657	 Initial increase in 2018 to \$592MM with steady increase until 2026 Reconciliation adjustment based on midrange estimate provided by E&Y analysis and audit
8	Other Non- Recurring	 Payment of Past-Due Tax Refunds Transition and restructuring costs 	-493	0	 Initial decline in tax refunds in 2018 from \$493MM to \$150MM, decline in 2019 from \$150MM to \$5MM, and elimination of non- recurring expenses in 2023 Costs to implement restructuring (\$370MM over 10 years)
9	Component Units	 Net Deficit of Special Revenue Funds Independently forecasted non-enterprise HTA Operational Expenses 	-853	-1,675	 Net Deficit of Special Revenue Funds growth is based on previous year multiplied by PR Inflation Non-enterprise expenses include ASEM, ASES, ADEA, PRCCDA, PRIDCO, PRITA, Tourism, and UPR deficits PBA and the Port Authority run a surplus in 2017 that transitions towards deficit beginning in 2018 Initial HTA decline in expenses due to a reduction in Past Due AP costs



Assumptions and Methodology: Macroeconomic factors

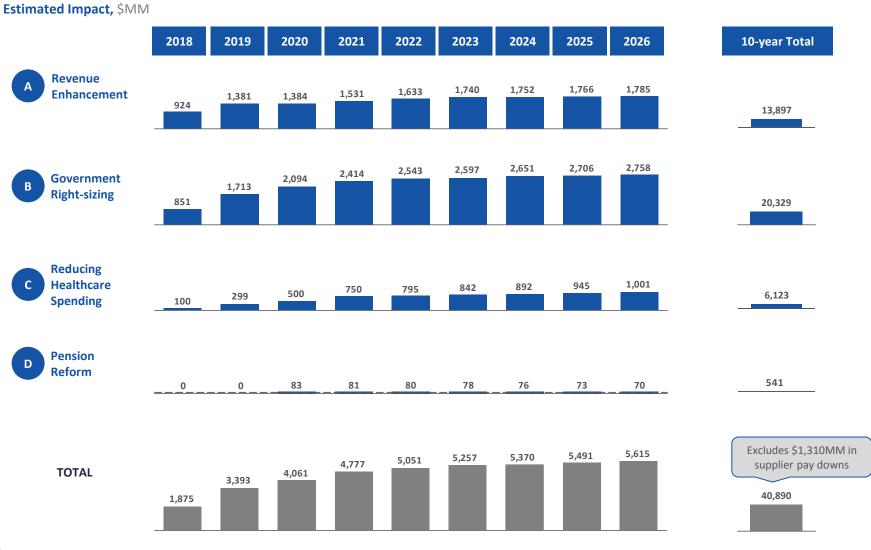




III. FISCAL REFORM MEASURES



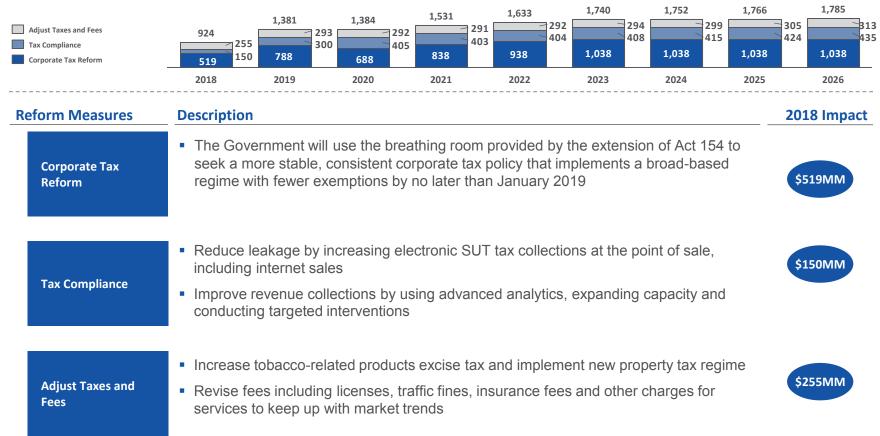
Fiscal Reform measures reduce the 10-year financing gap by \$39.6B





Hacienda will embark in a multi-year transformation process to reduce leakage, improve revenue collections and adjust fees

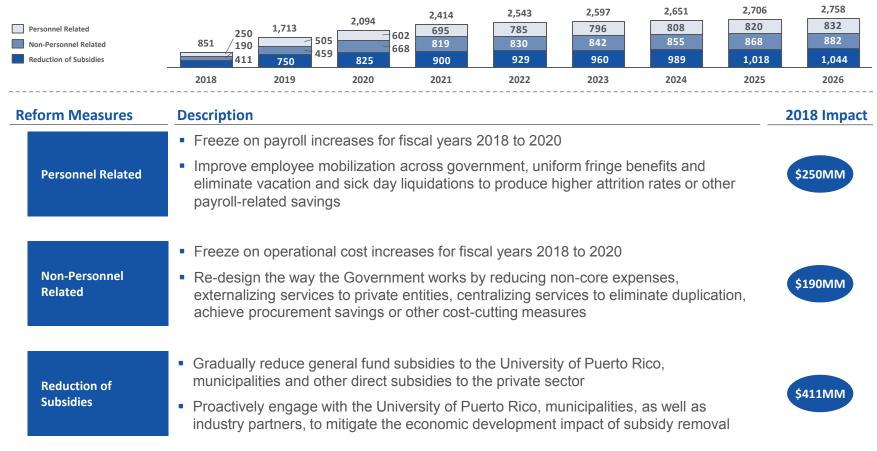
Revenue Enhancement Measures, \$MM





The Government must embark on a transformative journey in order to provide core services to citizens in an efficient and fiscally responsible manner

Government Right-Sizing Measures¹, \$MM



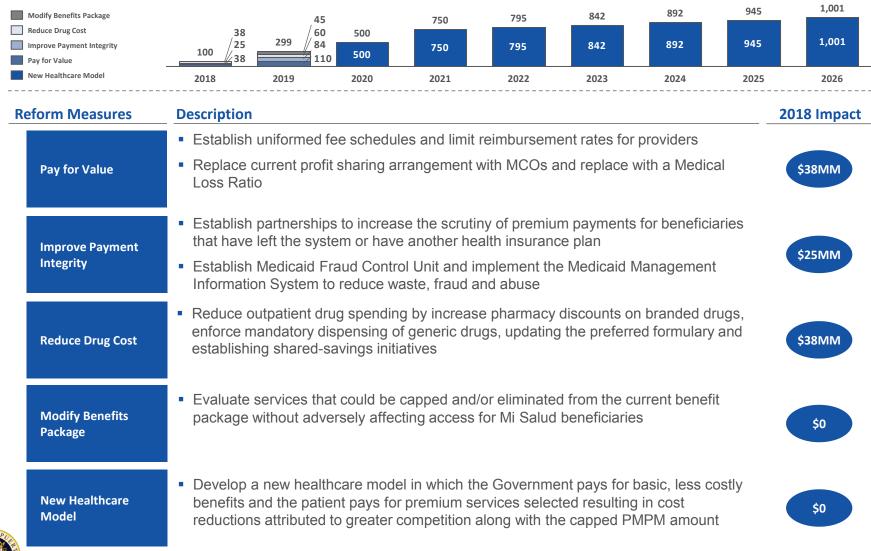


Note: To meet fiscal plan objectives, the Government may consider additional measures.

1) Post 2018, the relative distribution of savings between personnel and non-personnel related expenses will be decided as part of updates to the Fiscal Plan and the annual budget

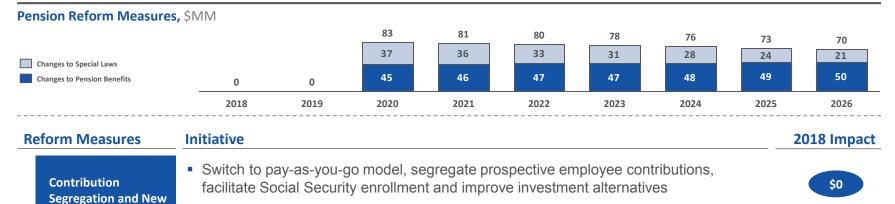
The Government will focus on improving efficiencies, adjusting benefits and developing a new healthcare model in order to achieve savings in healthcare spend

Reducing Healthcare Spending Measures, \$MM



Note: To meet fiscal plan objectives, the Government may consider additional measures.

Segmentation of the defined contribution structure will protect the retirement savings of government employees



Adjust Retirement Benefits

Benefit Plans

 Protect benefits for lowest pension income earners. Progressive strategy to reduce retirement benefit costs including other post-employment benefits.



\$0

IV. STRUCTURAL REFORMS



1

Implementing the package of structural reforms will provide a cumulative 2.0% increase in GNP growth

Improve Ease of Business Activity

1a Increase Labor Participation

- Institute public policy measures aimed to attract new businesses, create new employment opportunities, and foster private sector employment growth to increase labor demand
- Change welfare and labor incentives to encourage greater sector participation thus increasing labor supply
- Permitting Process Reform
- Centralize, streamline, and modernize and expedite permitting processes; increase business friendly environmental and economic growth

Lc Tax Reform

 Lower marginal tax rates and broaden the tax base; simplify and optimize the existing tax code to achieve gains in efficiency, ease of doing business and reducing tax evasion

Regulatory Reform

 Reduce unnecessary regulatory burdens to reduce the drag of government on the private sector Improve Capital Efficiency

2a Infrastructure Reform

 Augmenting competitiveness by investing in critical infrastructure and quality of public services in roads, ports, telecommunications, water and waste, knowledge services, and other strategically important sectors

2b Public-Private Partnerships

 Leverage key public assets through long term concessions to optimize quality of public infrastructure, services to public and sustainable operations and maintenance

2c Critical Projects

 Implement management system to boost development of critical projects through expedited processes Energy Reform

- 3a Energy Reform
 - Leverage and facilitate expedited private sector investments in modern, costefficient, and environmentally compliant energy infrastructure; reform PREPA operations and services to clients; and allow for greater competition in energy generation

Promoting Economic Development

- Enterprise Puerto Rico
- Promote productivity growth, attract FDI & incentivize investments in technology through collaboration with the private sector

4b Destination Marketing Organization

 Externalize the overseeing of marketing efforts & continuity under a single brand and as a unified front representing all of Puerto Rico's tourism components



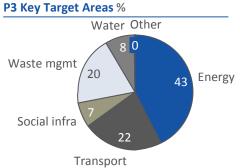
The initial stage of the P3 program includes launching of ~\$5B of projects during the 2017-2019 calendar years that have been identified and are in project preparation

P3 Project Identification

- Identified initial list of priority projects with P3 potential
- Assessing project business cases and impact on the economy
- Split into 3 groups based on projected sequencing¹, designed to launch in 2017, 2018 and 2019

Key Considerations in the Overall P3 Implementation

- Project sequencing is designed to effectively progress the advancement of projects and avoid major obstacles in the shortest timeline possible. Thus, progression goes from easily executable/advanced permitting to more difficult/less advanced projects
- Need to promote and improve funding models to use private funds, where relevant, as leverage to maximize the unused federal funds current available
- Need to further expand P3 pipeline by requesting identification of new projects with P3 potential from government heads, monetizing non-essential services with market interest and precedent², additional infrastructure concessions³, and pursuit of strategic P3 categories⁴



10-Year Impact 2017 2018 2019 Q-17 Q2-17 Q3-17 Q4-17 Q1-18 Q3-18 Q4-18 Q1-19 Q2-19 Q3-19 Q4-19 02-18 • Launch Group 1 Projects Group 1 Estimated value ~\$1B **Projects** Invest in preparing Group 2 • Launch Group 2 Projects Group 2 **Projects** Data gathering, due diligence, etc. Estimated value ~\$2B Invest heavily in preparing Group 3 Group 3 • Launch Group 3 Projects Data gathering, due diligence, etc. **Projects** Estimated value \$2B

(Project timeline includes P3 concessions included in Externalization measures)



1 Based on existing level of detail, known roadblocks, project complexity 2 May include parking, National Parks, government-owned hotel properties, Puerto Rico lottery, state insurance fund, parking 3 May include regional airports, passenger ports 4 E.g. express lanes with dynamic tolling on existing congested roadways. broadband, infrastructure P3s including real estate funded infrastructure development

→ Capital Improvement Investment: ~\$5B | Jobs Created: ~100,000

V. DEBT SUSTAINABILITY ANALYSIS



Debt summary

- Below is a summary of the debt (excluding pension liabilities) considered in the fiscal plan
- Note: Amounts are estimated as of February 2017 and based upon preliminary unaudited numbers provided to AAFAF by issuer agencies and from publicly available information. On behalf of the Board, Ernst & Young is conducting an assessment of the debt outstanding to confirm these figures. Estimated amounts are subject to further review and may change

Summary of debt outstanding as of February 2017 (\$MM)

			Unpaid		Total Bonds &	Loans from	Total Debt	DSRF
Issuers included in Fiscal Plan	Bond principal	CAB	P&I ¹	Private Loans	Private loans	GDB/MFA Entities	Service FY 17-19	Balance
00	* 10.010	*		* 04	640.007	\$100	* 0.004	
GO	\$12,013	\$84	\$1,146	\$24	\$13,267	\$169	\$3,284	
COFINA	11,725	6,155			17,880		2,138	
HTA ²	4,106	135	6		4,247	1,734	978	101
PBA	4,012		117		4,129	182	776	6
GDB ^{3, 4}	3,182		742	203	4,126		1,887	
ERS	2,658	498			3,156		500	44
PRIFA⁵	1,566	409	232		2,207	127	465	2
PFC	1,025		172		1,197		258	
	496			0	496	76	145	61
PRCCDA	386				386	145	91	9
PRIDCO	145	11			156	78	54	19
AMA				28	28			
Other Central Gov't Entities	197		29	413	639	3,897		
Total	\$41,511	\$7,293	\$2,444	\$668	\$51,916	\$6,409	\$10,575	\$242
Debt Issuers not incl. in Fiscal Plan								
PREPA	8,259			697	8,956	36	2,775	6
PRASA ⁷	3,943	28	13	584	4,568	229	995	93
Children's Trust	847	613			1,460		140	85
HFA	542				542	85	134	33
PRIICO				98	98			
Municipality Related Debt ⁸	556			1,140	1,696	2,036	n.a.	59
Total	\$14,147	\$641	\$13	\$2,520	\$17,320	\$2,386	\$4,044	\$276
Total	\$55,658	\$7,933	\$2,457	\$3,188	\$69,236	\$8,795	\$14,619	\$518
Less: GDB Bonds (excl. TDF)					(3,766)			
Plus: Loans from GDB/MFA Entities					8,795			
Public Sector Debt					\$74,265			

Notes:

1) Unpaid principal and interest includes debt service that has been paid by insurers and is owed by the government

2) HTA includes Teodoro Moscoso bonds

3) GDB private loans includes Tourism Development Fund ("TDF") guarantees

4) Includes GDB Senior Guaranteed Notes Series 2013-B1 ("CFSE")

5) PRIFA includes PRIFA Rum bonds, PRIFA Petroleum Products Excise Tax BANs, PRIFA Port Authority bonds and \$34.9m of PRIFA ASSMCA bonds

6) UPR includes \$64.2m of AFICA Desarrollos Universitarios University Plaza Project bonds

7) PRASA bonds includes Revenue Bonds, Rural Development Bonds, Guaranteed 2008 Ref Bonds

8) Municipality Related Debt includes AFICA Guyanabo Municipal Government Center and Guaynabo Warehouse for Emergencies bonds



Debt service schedule

Fiscal year ending June 30,	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Cash Interest										
GO	\$714	\$699	\$680	\$658	\$641	\$621	\$597	\$571	\$545	\$518
PBA	183	179	175	171	165	158	153	147	140	13
COFINA	690	690	690	689	696	702	708	714	711	70
HTA ¹	207	201	197	191	182	174	170	166	160	15
PRIFA ²	80	77	75	72	69	65	61	57	53	4
PRCCDA	18	17	17	16	15	15	14	13	12	1
PFC	56	54	53	52	50	48	47	44	42	4
UPR ³	24	22	21	20	18	17	15	14	12	1
ERS	167	167	167	167	164	159	155	154	152	15
GDB	150	135	92	69	54	49	34	21	14	10
PRIDCO	8	7	7	6	5	5	4	3	2	
Total	\$2,296	\$2,249	\$2,172	\$2,109	\$2,059	\$2,014	\$1,957	\$1,904	\$1,844	\$1,77
Principal										
GO	\$351	\$392	\$439	\$334	\$358	\$378	\$402	\$428	\$454	\$48
PBA	66	70	74	101	109	100	101	107	96	10
COFINA	19	48	78	98	120	159	203	248	294	34
HTA ¹	148	90	120	170	158	101	85	114	187	14
PRIFA ²	48	50	51	54	62	86	64	72	74	22
PRCCDA	12	13	14	14	15	16	17	17	18	1
PFC	30	32	33	34	36	37	39	41	43	4
UPR ³	25	26	27	29	30	31	33	35	24	2
ERS	(0)		(0)	50	70	80	19	22	29	3
GDB	277	848	432	434	143	47	541		248	12
PRIDCO	10	11	11	11	13	13	14	15	16	1
Total	\$987	\$1,579	\$1,280	\$1,328	\$1,112	\$1,049	\$1,518	\$1,099	\$1,484	\$1,57
Total debt service										
GO	\$1,066	\$1,090	\$1,118	\$991	\$999	\$999	\$999	\$999	\$999	\$99
PBA	249	249	249	272	273	258	254	253	236	24
COFINA	709	738	768	786	816	861	911	962	1,006	1,05
HTA ¹	355	291	317	362	340	275	254	280	347	30
PRIFA ²	127	127	126	126	130	151	125	130	127	26
PRCCDA	30	30	30	30	30	30	30	30	30	3
PFC	86	86	86	86	86	86	86	86	85	8
UPR ³	48	48	48	48	48	48	48	48	36	3
ERS	167	167	167	217	234	239	174	176	181	18
GDB	428	983	525	503	196	97	575	21	261	13
PRIDCO	18	18	18	16	18	18	18	18	18	1
Total	\$3,283	\$3,828	\$3,453	\$3,437	\$3,171	\$3,063	\$3,475	\$3,003	\$3,329	\$3,34

The table below summarizes the annual debt service through FY 2027 for all issuers included in the fiscal plan



HTA includes Teodoro Moscoso Bridge 1

PRIFA includes PRIFA BANs 2 3

UPR includes AFICA UPP

Debt sustainability

The table below summarizes the annual cash flow available for debt service, and calculates implied debt capacity based on a range of interest rates and coverage ratios assuming an illustrative 35 year term

- Cash flow available for debt service incorporates (i) the payment of essential services, (ii) benefit of clawback revenues and (iii) a prudent contingency reserve
- In the Fiscal Plan summarized below, the cash flow after Measures but before Debt Service averages \$787m per year during the period 2017 - 2026

Debt sustainability sensitivity analysis (\$MM)

Fiscal year ending June 30 (\$ in millions)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	'17 - '26 Total
Baseline Projections											
Revenues	\$18,952	\$17,511	\$16,407	\$16,434	\$16,494	\$16,590	\$16,746	\$16,953	\$17,204	\$17,509	\$170,799
Expenses	(17,872)	(18,981)	(19,233)	(19,512)	(19,950)	(20,477)	(20,884)	(21,310)	(21,973)	(22,316)	(202,507)
Cash Flow Excl. Debt Service & Measures	1,080	(1,470)	(2,826)	(3,077)	(3 <i>,</i> 456)	(3,886)	(4,139)	(4,357)	(4,769)	(4 <i>,</i> 807)	(31,708)
Impact of Measures											
Revenue Measures		924	1,381	1,384	1,531	1,633	1,740	1,752	1,766	1,785	13,897
Expense Measures		951	2,012	2,415	2,983	3,156	3,255	3,357	3,724	3,830	25,683
Total Measures		1,875	3,393	3,799	4,515	4,789	4,995	5,108	5,491	5,615	39,580
Cash Flow Available for Debt Service	\$1,080	\$404	\$567	\$722	\$1,059	\$903	\$857	\$751	\$722	\$808	\$7,873

Illustrative Sustainable Debt Capacity Sizing Analysis

			Sensi	tivity Analy	ysis: Implie	ed Debt Ca	pacity at 1	0% Conting	gency	
Illus	\$700	\$750	\$800	\$850	\$900	\$950	\$1,000	\$1 <i>,</i> 050	\$1,100	
	3.5%	12,600	13,500	14,400	15,301	16,201	17,101	18,001	18,901	19,801
Sensitivity Analysis: PV	Rate % 4.0%	11,759	12,599	13,439	14,278	15,118	15,958	16,798	17,638	18,478
	4.5%	11,000	11,786	12,572	13,358	14,143	14,929	15,715	16,501	17,286

	[Se	nsitivity Ar	nalysis: Im	plied Debt	Capacity a	t 4% PV Ra	te	
Illustrative Cash Flo	w Available	\$700	\$750	\$800	\$850	\$900	\$950	\$1,000	\$1,050	\$1,100
	5.0%	12,412	13,299	14,185	15,072	15,958	16,845	17,731	18,618	19,505
Sensitivity Analysis: % Contingency	10.0%	11,759	12,599	13,439	14,278	15,118	15 <i>,</i> 958	16,798	17,638	18,478
	15.0%	11,105	11,899	12,692	13,485	14,278	15,072	15,865	16,658	17,451



VI. TSA LIQUIDITY



Weekly cash flow forecast through 2017FY

	Cash Flows Before Cliffs, Measures and Debt	Fcst - 1	Fcst - 2	Fcst - 3	Fcst - 4	Fcst - 5	Fcst - 6	Fcst - 7	Fcst - 8	Fcst - 9	Fcst - 10	Fcst - 11	Fcst - 12	Fcst - 13	Fcst - 14	Fcst - 15	Fcst - 16
	(figures in \$mm)	3/17	3/24	3/31	4/7	4/14	4/21	4/28	5/5	5/12	5/19	5/26	6/2	6/9	6/16	6/23	6/30
1	General Collections	\$349	\$254	\$58	\$71	\$66	\$760	\$186	\$63	\$66	\$334	\$60	\$44	\$59	\$134	\$520	\$57
2	Sales and Use Tax	18	13	146	5	17	14	163	5	18	5	167	4	5	18	14	171
3	Excise Tax through Banco Popular	64	-	-	-	77	-	-	-	-	68	-	-	-	57	-	-
4	Rum Tax	-	10	-	-	-	11	-	-	-	18	-	-	-	-	22	-
5	Electronic Lottery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	37
6	Subtotal	\$432	\$277	\$204	\$76	\$161	\$784	\$349	\$68	\$84	\$424	\$227	\$48	\$64	\$210	\$570	\$265
7	Employee/Judiciary Retirement Admin.	-	-	-	-	56	-	-	-	56	-	-	-	-	56	-	-
8	Teachers Retirement System	-	-	-	-	70	-	-	-	-	-	-	-	-	-	-	-
9	Retirement System Transfers	-	-	-	-	\$127	-	-	-	\$56	-	-	-	-	\$56	-	-
10	Federal Funds	93	110	83	123	95	119	123	95	126	93	123	49	99	107	107	121
11	Other Inflows	9	-	11	-	-	9	11	-	-	-	-	11	-	-	-	11
12	Tax Revenue Anticipation Notes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Total Inflows	\$534	\$388	\$298	\$199	\$382	\$912	\$483	\$163	\$267	\$517	\$350	\$108	\$163	\$373	\$677	\$397
14	Payroll and Related Costs	(18)	(51)	(120)	(23)	(95)	(62)	(101)	(35)	(90)	(65)	(96)	(18)	(22)	(95)	(56)	(106)
15	Pension Benefits	-	-	(87)	-	(82)	-	(87)	-	(82)	-	(87)	-	-	(82)	-	(87)
16	Health Insurance Administration - ASES	(53)	(53)	(55)	(53)	(53)	(53)	(60)	(53)	(53)	(53)	(53)	(7)	(53)	(53)	(53)	(55)
17	University of Puerto Rico - UPR	(18)	(18)	(24)	(18)	(18)	(18)	(24)	(18)	(18)	(18)	(18)	(6)	-	(36)	(18)	(24)
18	Muni. Revenue Collection Center - CRIM	(21)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	-	-	(15)	(8)	(26)
19	Highway Transportation Authority - HTA	-	-	(16)	-	-	-	(16)	-	(19)	-	-	(19)	-	-	(19)	(19)
20	Public Building Authority - PBA / AEP	(9)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	-	(4)	(4)	(4)	(4)	(4)
21	Other Governmental Entities	(20)	(9)	(54)	25	(20)	(9)	(54)	25	(20)	(9)	(12)	(18)	(3)	(20)	(9)	(63)
22	Subtotal - Government Entity Transfers	(\$120)	(\$92)	(\$160)	(\$57)	(\$103)	(\$92)	(\$165)	(\$57)	(\$122)	(\$92)	(\$90)	(\$54)	(\$59)	(\$128)	(\$111)	(\$191)
23	Supplier Payments	(57)	(57)	(58)	(86)	(86)	(86)	(87)	(68)	(68)	(68)	(68)	(53)	(65)	(65)	(65)	(66)
24	Other Legislative Appropriations	(24)	(14)	(5)	(2)	-	(38)	(5)	(6)	(22)	(10)	(5)	(4)	-	(16)	(22)	(5)
25	Tax Refunds	(12)	(13)	(4)	(1)	(6)	(39)	(4)	(7)	(4)	(4)	(31)	(3)	(1)	(4)	(6)	(41)
26	Nutrition Assistance Program	(30)	(70)	(22)	(35)	(40)	(54)	(36)	(22)	(43)	(56)	(36)	(16)	(37)	(30)	(70)	(20)
27	Other Disbursements	-	-	-	-	-	-	-	-	-	-	-	(4)	-	-	-	(4)
28	Contingency	(16)	(16)	(16)	(29)	(29)	(29)	(29)	(29)	(29)	(29)	(29)	(23)	(23)	(23)	(23)	(23)
29	Tax Revenue Anticipation Notes	-	-	-	-	-	-	(152)	-	-	-	-	(137)	-	-	-	(135)
30	Total Outflows	(\$277)	(\$313)	(\$472)	(\$233)	(\$440)	(\$399)	(\$665)	(\$223)	(\$459)	(\$324)	(\$442)	(\$312)	(\$208)	(\$443)	(\$353)	(\$676)
31	Net Cash Flows Excluding Debt Service, Fiscal Cliffs and Measures	\$257	\$75	(\$174)	(\$34)	(\$58)	\$513	(\$182)	(\$60)	(\$193)	\$194	(\$92)	(\$204)	(\$44)	(\$70)	\$324	(\$279)
32	Bank Cash Position, Beginning (a)	\$319	\$576	\$650	\$477	\$442	\$384	\$897	\$716	\$655	\$462	\$656	\$564	\$360	\$316	\$246	\$570
33	Bank Cash Position, Ending (a)	\$576	\$650	\$477	\$442	\$384	\$897	\$716	\$655	\$462	\$656	\$564	\$360	\$316	\$246	\$570	\$291



Liquidity Principles for FY 2018

- No external short-term financing
- Rollout of Disbursement Authorization Group in order to enforce priority of payments through defined critical services (see Section VII)
- Consolidate dispersed treasury functions and put in place oversight over accounts not centrally managed
- Refine and regularly update 13 week cash analysis with detailed forecasting of cash receipts and disbursements
- Provide detailed daily performance projections, results, and variances



VII. FINANCIAL CONTROL REFORM

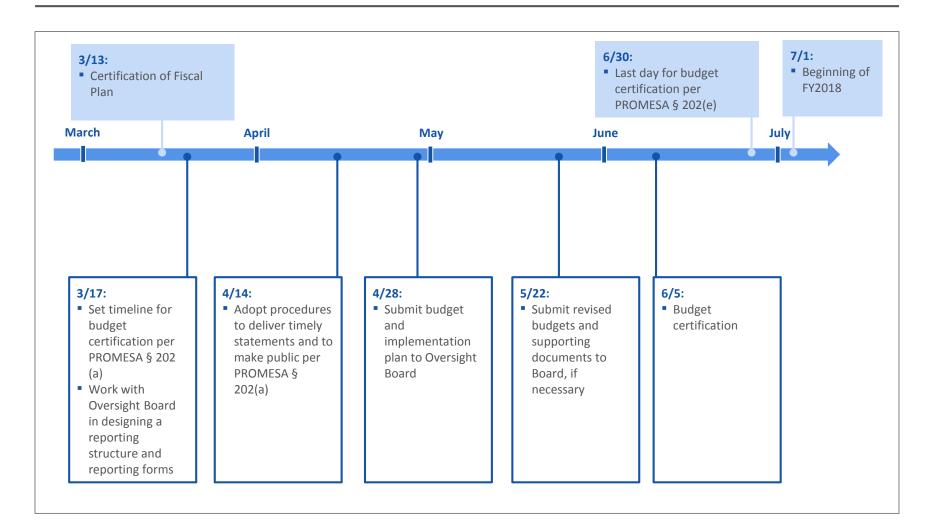


Current state of financial controls

- Cash is not centrally managed
 - No central office has visibility across all spending
 - Procurement agencies do not actively enforce terms and specifications
 - Limited coordinated effort to eliminate major cash outlays
 - Limited sweep of cash into general fund accounts
 - Cash disbursements is a manual and subjective process handled at Hacienda
 - No formal structure for reporting and release of audited financials
- Target is to improve level of detail on forecasting and specificity around assumptions
 - "Top-down" approach, based on prior year's Budget
 - Bank-to-book reconciliations are not often prepared in a timely manner
 - No tracking mechanisms exist to measure intra-year actual expenditures vs. budget on an accrual basis



Budget certification per PROMESA § 202





Quarterly budget compliance process per PROMESA \S 203

Quarterly Action	PROMESA section	Description	Proposed dates (mm/dd/yy)
Reporting ¹	■ § 203 (a)	 Governor to submit a report describing: (1) the actual cash revenues, expenditures, and flows and (2) any other information requested by the Board 	 Q1: 10/15/17¹ Q2: 1/16/18 Q3: 4/16/18 Q4: 7/16/18
External auditing	■ § 203 (b)	 Oversight Board to communicate the result of external auditing report to the government and identify any inconsistencies with the projected revenues, expenditures, or cash flows set forth in the certified Budget for such quarter 	 Q1: 11/10/17 Q2: 2/12/18 Q3: 5/10/18 Q4: 8/10/18
Correction of variance	■ § 203 (b)	 Government to provide additional information regarding any inconsistencies with the certified budget and implement remedial action to correct variances 	 Q1: 11/20/17 Q2: 2/20/18 Q3: 5/21/18 Q4: 8/20/18
Certification of variance / or Budget reductions by Board	• § 203 (c) and (d)	 Board to certify that the government is at variance with the applicable certified Budget, and that the Government has initiated such measures as the Board considers sufficient to correct it If the variances are not corrected, the Board shall make appropriate reductions in nondebt expenditures and may institute automatic hiring freezes in instrumentalities and prohibit them from entering in any contract in excess of \$100,000 	 Q1: 12/11/17 Q2: 3/12/18 Q3: 6/11/18 Q4: 9/10/18
Termination of budget reductions	■ § 203 (e)	 The Board should decide whether the government or instrumentality has made the appropriate measures to reduce expenditures or increase revenues and cancel the reductions 	 Ongoing

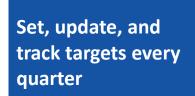


Budget and Forecasting process

Define a timeline for
each quarter's
budget

- Certification process must adhere to PROMESA requirements
- Should include, but not be limited to:
 - Certification process according to PROMESA requirements
 - Reporting, external auditing, and variance certifications

Set guiding principles for budget and forecasting



- Budget should be prepared...
 - Within the confines of the overall fiscal plan
 - As a **positive cash balance** with sufficient safety margin, due to lack of access to capital markets
- Use performance metrics, e.g.,:
 - Status? On track / Delayed / Completed
 - Reached target?
 - Above / below past instances?
- Implement measures to correct variances from budget



Disbursement process

Define disbursement	
process	

Set guidelines and principles

- Work to match budget to disbursement authorizations
- Identify an effective, centralized, and time-sensitive disbursement process that involves the adequate authorities
 - Incorporate a mechanism that confirms alignment between revenues and expenses

Implement a centralized disbursement digital database

Set, update, and track metrics every quarter

- Centralize into a single Treasury account with a corresponding database
- Update and review periodically
- Set a minimum available liquidity threshold and an alertsystem
- Establish preventive measures
- Implement detective procedures to correct problems before they arise
- Design a process to correct variances from budget mid-year

