

A summary · The $500 trillion PPP infrastructure opportunity

Launch a PPP program for every kind of organization in Jordan

WHAT THESE GUIDES ARE FOR

Each guide invites one kind of organization in Jordan to launch a program for public-private partnership (PPP) projects built with AI, robotics and tokenization, starting with Jordan's $86 billion and Aqaba's $46 billion of projects.

PREPARED FOR
Organizations in Jordan

PREPARED BY
Saad I. Sahawneh

DATE
November 2, 2026

CONTENTS

Inside this summary

01 The idea 3

02 How every guide works 4

03 The guides 5

04 About Jordan PPP 11

THE IDEA

A century of infrastructure is due for replacement

Most of the roads, power plants, water networks, ports and airports the world runs on were built in the last hundred years, and much of that stock is wearing out at the same time. Public-private partnerships will carry a large share of the rebuild.

How the $500 trillion adds up

	$300T	to build the physical assets: roads, rail, ports, grids, water, cities, schools and hospitals
+	$150T	to operate and maintain them across the life of each concession
+	$50T	for the sensors, compute and robotics that will sit inside them
=	$500T	**in total to rebuild and run the world's infrastructure over the next fifty years**

AI designs and runs it

Feasibility studies, models and contracts in days, and assets that predict their own failures.

Robotics builds and maintains it

Small companies with the right machines can build what once needed a thousand people.

Tokenization finances it

A few hundred investors can fund a pilot and be paid from the asset's own revenue.

Jordan starts with about $86 billion of PPP and infrastructure projects in development, $46 billion of them anchored in Aqaba. It also has engineers who can build what comes next and a PPP law that accepts direct proposals.

HOW IT WORKS

One method, shared by every guide

Every guide asks its institution to launch a PPP program of its own and carries the same three ideas for getting there fast.

Small PPPs in parallel

In 2024 the World Bank counted 315 private infrastructure deals across developing countries, a few per country, too few to learn quickly. Small projects run in parallel let a country test many legal structures, financing models and construction methods at once. In Jordan, 1% of the budgets of 40 contracting authorities, about $78 million, would fund 780 small PPPs a year at $100,000 each.

PPP research labs

Each sector gets one lab, spearheaded by the public sector and designed, financed, built and operated by the private sector. Each lab runs ten small PPP projects a year at up to $100,000 each and publishes every result, including the failures.

Unsolicited proposals

Article 15 of PPP Law No. 19 of 2023 lets any private company take its own PPP idea to the Ministry of Investment or a public authority, and PPP Regulation No. 9 of 2024 sets out how it is studied. If the project goes to tender, the proposer can match the best offer, and similar small-scale PPPs below $14.1 million can be bundled into one feasibility report and one tender.

What each institution does next

Every guide ends with six first steps written for that institution, and most follow these six.

Mandate	Board or leadership approval for a PPP program, with its sectors and first-year goals.
Team	A named lead, with people drawn from the institution's existing teams.
Pipeline	A map of Jordan's $86 billion of projects by sector and stage, and early meetings with the authorities behind them.
Own offer	The products, services, capital or capabilities the institution brings to each project.
Partners	The lenders, developers, contractors, operators and technology companies that complete each consortium.
Pilot	A first small-scale PPP, lab pilot or direct proposal, taken from idea to submission.

THE GUIDES

52 guides, one for each kind of organization

Each guide is a separate document in its own folder, written for an institution in Jordan and addressed to it.

National leadership

Royal Hashemite Court	The Royal Hashemite Court champions a national initiative, in step with the Economic Modernisation Vision, in which young Jordanian engineers and founders accelerate Jordan's PPPs with AI, robotics and tokenization through small parallel PPPs, research labs, direct proposals and the first tokenized PPP.
Prime Ministry of Jordan	The Prime Ministry launches a government-wide PPP acceleration program, with a PPP research lab in every ministry and public authority funded by moving 1% of budgets away from inefficient spending, a fast track for small-scale PPPs and direct proposals, AI-assisted project preparation and a national framework for tokenized PPP notes.

Public sector

Ministries and Public Authorities	Your ministry or authority launches its own PPP program, with a research lab that runs small PPPs in parallel, an open door to direct proposals from the private sector and a pipeline of projects prepared for AI, robotics and tokenization.
Municipalities	Your municipality launches a PPP program of small projects at city scale, in parking, street lighting, waste, markets, bus stations, parks, local roads and public buildings, prepared with AI, robotics and tokenization in mind.
State-Owned Utilities and Companies	Your utility or company launches its own PPP program, with performance-based contracts for its networks and plants, a research lab that runs small PPPs in parallel and an open door to direct proposals from the private sector.
Financial Regulators and Markets	Your institution launches a program to prepare Jordan's markets for PPP finance, with a sandbox for tokenized notes, rules for project bonds and sukuk and a route to listing.

THE GUIDES

Capital

Banks	Your bank launches a dedicated program to finance PPP projects, the Jordanian contractors and technology companies that build and run them, and the first tokenized infrastructure.
Development Finance Institutions	Your institution launches a Jordan acceleration window for PPPs that prepares projects, lends and guarantees beside private capital and backs small-scale pilots and tokenized notes.
Infrastructure Funds	Your fund launches an investment program that takes equity in PPP project companies in Jordan and the region, builds a platform for small-scale PPPs and backs the technology that runs them.
Sovereign Wealth and Pension Funds	Your fund launches a long-term allocation that invests directly and as a co-investor in operating PPP projects, brownfield assets and tokenized holdings, and serves national development goals.
Insurance Companies	Your company launches a program to insure PPP projects from construction through operation and to invest long-dated reserves in operating PPPs.
Family Offices	Your family office launches a PPP co-investment program that invests in club deals, small-scale PPP projects and tokenized notes beside trusted developers.
Venture Capital Firms	Your firm launches a PPP infrastructure technology thesis, or a dedicated fund sleeve, to back startups building AI, robotics and tokenization for infrastructure, with Jordan's $86 billion and Aqaba's $46 billion of PPP projects as their first customers.
Startup Accelerators	Your accelerator opens a dedicated program to invest in and accelerate Jordanian startups building AI, robotics and tokenization for infrastructure, with Jordan's $86 billion and Aqaba's $46 billion of PPP projects as their first customers.

THE GUIDES

Developers and builders

PPP Developers	Your company launches a PPP program that prepares PPP projects with AI, runs small-scale PPPs in parallel and brings its own direct proposals to government.
Economic Zone and Industrial City Developers	Your zone launches its own PPP program for its power, water, waste, telecom, logistics and industrial plots, with a lab for small PPPs and an open door to proposals from tenants.
Contractors	Your company launches a PPP development arm that moves it from builder to developer and equity partner in PPP projects, with robotics and modular construction as its edge.
Real Estate Developers	Your company launches a PPP program to develop smart, mixed-use districts, affordable housing and social infrastructure on government land, funded by land value and tokenized ownership.
Engineering and Consulting Firms	Your firm launches a PPP advisory and technical practice that advises governments and lenders on PPP projects and prepares direct proposals with AI-native tools.

Advisors and professional bodies

Law Firms	Your firm launches a PPP practice to advise governments, sponsors, lenders and contractors on PPP projects and on the AI, robotics and tokenization inside them.
Financial Advisory Firms	Your firm launches a PPP finance practice that builds financial models, advises governments, bidders and lenders on PPP transactions and structures bonds, sukuk and tokenized notes.
Professional Bodies and Chambers	Your association or chamber launches a PPP program for its members, with training and certification, a small-PPP tier that prepares smaller firms to prequalify, standard templates and consortium matchmaking.

THE GUIDES

Operators and services

Utilities and Operators	Your company launches a PPP operations program to bid for operation and maintenance contracts and full concessions in water, power, transport, ports and waste, run with AI and robotics.
Facility Management Companies	Your company launches a PPP facility services program to maintain and run hospitals, schools, universities, stations and public buildings under availability-payment contracts.
Telecom Operators	Your company launches a PPP program to connect PPP projects with fiber, 5G, data centers and IoT networks and to join the consortiums that win them.
Logistics and Port Companies	Your company launches a PPP program to bid for port terminals, dry ports, logistics zones, rail freight and border-crossing concessions in PPP projects.
Hospital Groups	Your group launches a PPP program to build, equip and run public hospitals, clinics and medical centers, manage their clinical and non-clinical services and grow medical tourism.

Technology and knowledge

Technology Companies	Your company launches a PPP program to sell AI, robotics, sensors, digital twins and tokenization platforms into PPP projects and to join the consortiums that win them.
AI Companies	Your company launches a PPP program to prepare, advise on and run PPP projects with its models, agents and applications, and to build the sovereign compute they run on.
Robotics Companies	Your company launches a PPP program to build, inspect and maintain PPP projects with drones, crawlers, construction robots and autonomous machines, and to supply them as a service for the life of each concession.
Blockchain Companies	Your company launches a PPP program to tokenize PPP projects and to run the registries, smart contracts and investor onboarding behind them.
Universities	Your university launches a PPP program to teach PPPs, research the AI, robotics and tokenization that will run infrastructure, and test them on real projects.
Schools	Your school launches a PPP program that runs its campus energy, water and transport with private partners, teaches its students how infrastructure is built with AI, robotics and tokenization, and takes part in new school projects.

THE GUIDES

Economic sectors

Energy Developers	Your company launches a PPP program to develop solar, wind, storage, green hydrogen and grid projects as PPPs and to power the water, transport and industrial projects around them.
Oil and Gas Companies	Your company launches a PPP program to develop and run gas networks, storage terminals and fuel logistics as PPPs and to lead the move toward hydrogen, biogas and lower-carbon fuels.
Water Companies	Your company launches a PPP program to develop desalination, wastewater treatment and reuse, non-revenue water and network projects as PPPs and to run them on performance contracts.
Transport Companies	Your company launches a PPP program to build and run bus rapid transit, rail, toll roads, stations, parking and airport services as PPPs for decades.
Agriculture and Food Companies	Your company launches a PPP program to develop greenhouse, hydroponic, irrigation, cold chain, food processing and food security projects as PPPs and to put public farmland and markets to productive use.
Mining Companies	Your company launches a PPP program to develop the rail, port terminals, water, power and processing that mining needs as PPP projects and to anchor them with its own mineral output.
Manufacturing Companies	Your company launches a PPP program to develop industrial parks and shared utilities as PPP projects and to supply the modular and prefabricated components that other PPPs are built from.
Pharmaceutical and Life Sciences Companies	Your company launches a PPP program to supply, track and make medicines, medical equipment and diagnostics for the public health sector as PPPs.
Tourism and Hospitality Companies	Your company launches a PPP program to develop and run hotels, resorts and visitor experiences at the country's heritage and nature sites, from Petra and Wadi Rum to the Dead Sea and Aqaba.
Education Companies	Your company launches a PPP program to build, equip and run schools, training centers and digital learning as PPPs and to train the workforce the projects need.
Circular Economy Companies	Your company launches a PPP program to develop waste collection, sorting, recycling, composting, waste-to-energy and landfill gas projects as PPPs and to turn the waste of the rebuild into materials and power.
Green Economy Companies	Your company launches a PPP program to bring energy efficiency, building retrofits, electric mobility and other climate technologies into PPP projects and to finance them from the savings they produce.
Creative Industries Companies	Your company launches a PPP program to build and run studios, creative hubs, cultural venues and heritage experiences as PPPs and to bring digital twins and visual storytelling to infrastructure.
Sports and Entertainment Companies	Your company launches a PPP program to build and run stadiums, arenas, sports cities, theme parks and event venues as PPPs on government land.

THE GUIDES

Humanitarian and relief

UN Agencies and International NGOs	Your agency launches a PPP program that brings private partners into the water, energy, schools and health services that refugees and host communities rely on, with your teams as delivery and monitoring partners in small PPPs.
Humanitarian Donors and Foundations	Your organization launches a PPP program that turns part of its funding into project preparation, payments for results and blended and first-loss finance for small PPPs, so each grant brings private investment into lasting infrastructure.
Jordanian NGOs and Charities	Your organization launches a PPP program that puts its community trust and its charitable funds behind small infrastructure projects in the neighborhoods it serves, in water, energy, schools and health.
Host Municipalities and Emergency Services	Your municipality or service launches a PPP program for the water, waste, roads, power and emergency infrastructure that host communities and refugees share, built to keep working in a crisis.
Social Enterprises and Impact Companies	Your company launches a PPP program that turns its services for people in need into small PPPs and direct proposals in water, energy, waste, education and health, financed with impact investment.

ABOUT

Jordan PPP

Accelerate Jordan
Accelerate the infrastructure singularity
Accelerate the Jordan PPP singularity

AMMAN, JORDAN WWW.JORDANPPP.COM

Jordan PPP helps every kind of organization in Jordan launch a public-private partnership (PPP) program of its own. It publishes 52 guides, one for each kind of organization, from the Royal Hashemite Court and the ministries to banks, contractors, universities, humanitarian organizations and companies in fourteen sectors.

Its vision is the infrastructure singularity, when roads, grids, ports and water networks become one globally connected, superintelligent computer, built by robotics, run by artificial intelligence and financed by tokenization. Rebuilding and running the world's infrastructure will take about $500 trillion over the next fifty years.

Its method starts small: a PPP program for every organization, small PPPs run in parallel, a research lab in each sector and direct proposals under Article 15 of PPP Law No. 19 of 2023, starting with Jordan's $86 billion and Aqaba's $46 billion of projects.

JORDAN PPP

What Jordan PPP offers

The guides

One for every organization

52 guides, each with the case, the program and six first steps.

www.jordanppp.com/guides →

The summary

All guides in one document

Every guide, its organization and its ask, in one place.

www.jordanppp.com/summary →

Futureproofing

AI, robotics, tokenization

What the three technologies change for every organization.

www.jordanppp.com/futureproofing →

The opportunity

$500 trillion

The $500 trillion PPP infrastructure opportunity, from the crisis to the exchanges.

www.jordanppp.com/opportunity →



The $500 trillion PPP infrastructure opportunity

A summary of 52 guides on launching a PPP program in Jordan

November 2, 2026