



## XBRL, Digit Group and Next Generation Infrastructure

XBRL Turns Infrastructure Activity Into Machine-Readable Financial Truth

Page 1 of 4

### 1. First: What XBRL Digital Assets Actually Are (No Hype)

XBRL (eXtensible Business Reporting Language) is not crypto. It's a global standard for structured financial reporting used by:

- SEC (EDGAR)
- Banks
- Regulators
- Auditors
- Rating agencies

When people say “XBRL digital assets”, what they really mean is:

Financial and operational data that is standardized, machine-readable, and verifiable — and can reference on-chain or off-chain assets.

### 2. Why XBRL Is Mandatory for Infrastructure (Not Optional)

Infrastructure projects fail financially because:

- Costs are fragmented
- Assets are poorly defined
- Performance is not auditable
- Cash flow is delayed and disputed

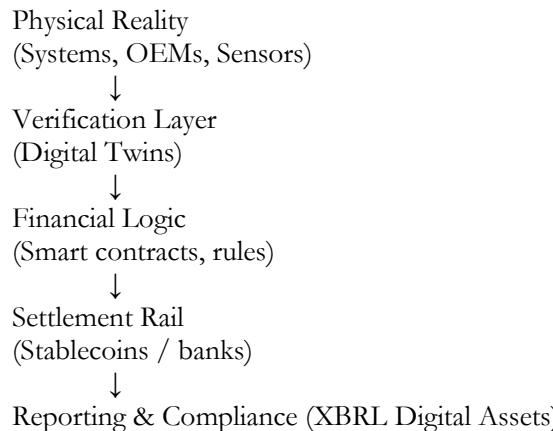
XBRL fixes this by:

- Standardizing asset definitions
- Standardizing cash flows
- Standardizing risk signals
- Making data legible to capital markets

Without XBRL, crypto rails stay stuck at the project level. With XBRL, they connect to institutional finance.

### 3. Where XBRL Sits in the Stack\

Here's the clean architecture:



XBRL is the bridge between operations and capital markets.



## XBRL, Digit Group and Next Generation Infrastructure

XBRL Turns Infrastructure Activity Into Machine-Readable Financial Truth

Page 2 of 4

### 4. Core Role #1: Making Infrastructure Assets “Finance-Grade”

Banks don’t finance BIM models.

They finance auditable financial statements. XBRL Enables:

- Capitalized asset values
- Depreciation schedules
- O&M reserves
- Performance-linked revenues
- Risk disclosures

Each physical asset (UPS, HVAC system, substation) becomes:

- A recognized financial asset
- With standardized metadata
- Linked to real-world performance

That’s how infrastructure stops being “opaque.”

### 5. Core Role #2: Turning Smart Contracts into Accounting Events

This is subtle — and critical.

Example

A smart contract releases a stablecoin payment because:

Twelve miles of pavement, a benchmark, is complete

That’s not just a payment.

It’s an accounting event.

XBRL tags:

- Revenue recognition
- Performance obligation satisfaction
- Contract liability release
- ESG metrics impact

Without XBRL:

- Auditors panic
- CFOs block adoption

With XBRL:

- This fits cleanly into ERP, audit, and filings



## XBRL, Digit Group and Next Generation Infrastructure

XBRL Turns Infrastructure Activity Into Machine-Readable Financial Truth

Page 3 of 4

### 6. Core Role #3: Infrastructure-as-a-Service (IaaS) Accounting

When infrastructure shifts from:

- CapEx → performance-based OpEx

You need:

- Usage-based revenue recognition
- Performance-linked amortization
- Residual value tracking

XBRL allows:

- Standardized treatment across portfolios
- Comparability between assets
- Securitization at scale

This is how infrastructure becomes investable like software.

### 7. Core Role #4: Portfolio-Level Transparency (The Institutional Unlock)

One project doesn't change markets. Portfolios do.

With XBRL:

- 1,000 projects roll up cleanly
- Risk metrics are comparable
- Cash flows are machine-analyzable

That enables:

- Infrastructure-backed securities
- Green bonds with real proof
- Lower insurance premiums
- Cheaper debt

This is why rating agencies care.

### 8. How XBRL, Stablecoins, and Stakeholders Work Together

Let's connect the dots explicitly:

- Project Owner/Architect verifies what happened
- Smart contracts decide what should happen
- Stablecoins execute payment
- XBRL records what it means financially

XBRL is the language that lets humans, regulators, and machines agree.



## XBRL, Digit Group and Next Generation Infrastructure

XBRL Turns Infrastructure Activity Into Machine-Readable Financial Truth

Page 4 of 4

### 9. Why This Is the Safe Path (Regulatory Reality Check)

Regulators don't trust:

- Black boxes
- New tokens
- Proprietary standards They already trust XBRL.

So instead of fighting regulators:

- You speak their language
- You give them better data
- You reduce systemic risk That's how this scales globally.

For Further Information Contact

Paul Doherty [pdoherty@pipeline.com](mailto:pdoherty@pipeline.com)

+1-732-618-7245