

Transportation Public Private Partnerships In the United States

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Presentation Overview

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P3s,
a definition

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P3s in the
US

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Innovative
P3s

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P3 Training

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P3
Expectations

1. P3s – a definition

Greenfield

Projects that focus on developing and/or building a new asset

Brownfield

Projects that focus on operating, and/or maintaining an existing asset

1. P3s – a definition

Greenfield

Projects that focus on developing and/or building a new asset

Blended

Projects that focus on improving an existing asset:

1. Adding lanes
2. Quality improvement
3. Efficiency

Brownfield

Projects that focus on operating, and/or maintaining an existing asset

1. P3s – a definition

The Building Blocks of a P3

Design

Build

Finance

Operate

Maintain

Revenue
Risk

1. P3s – a definition

The Building Blocks of a P3

Design

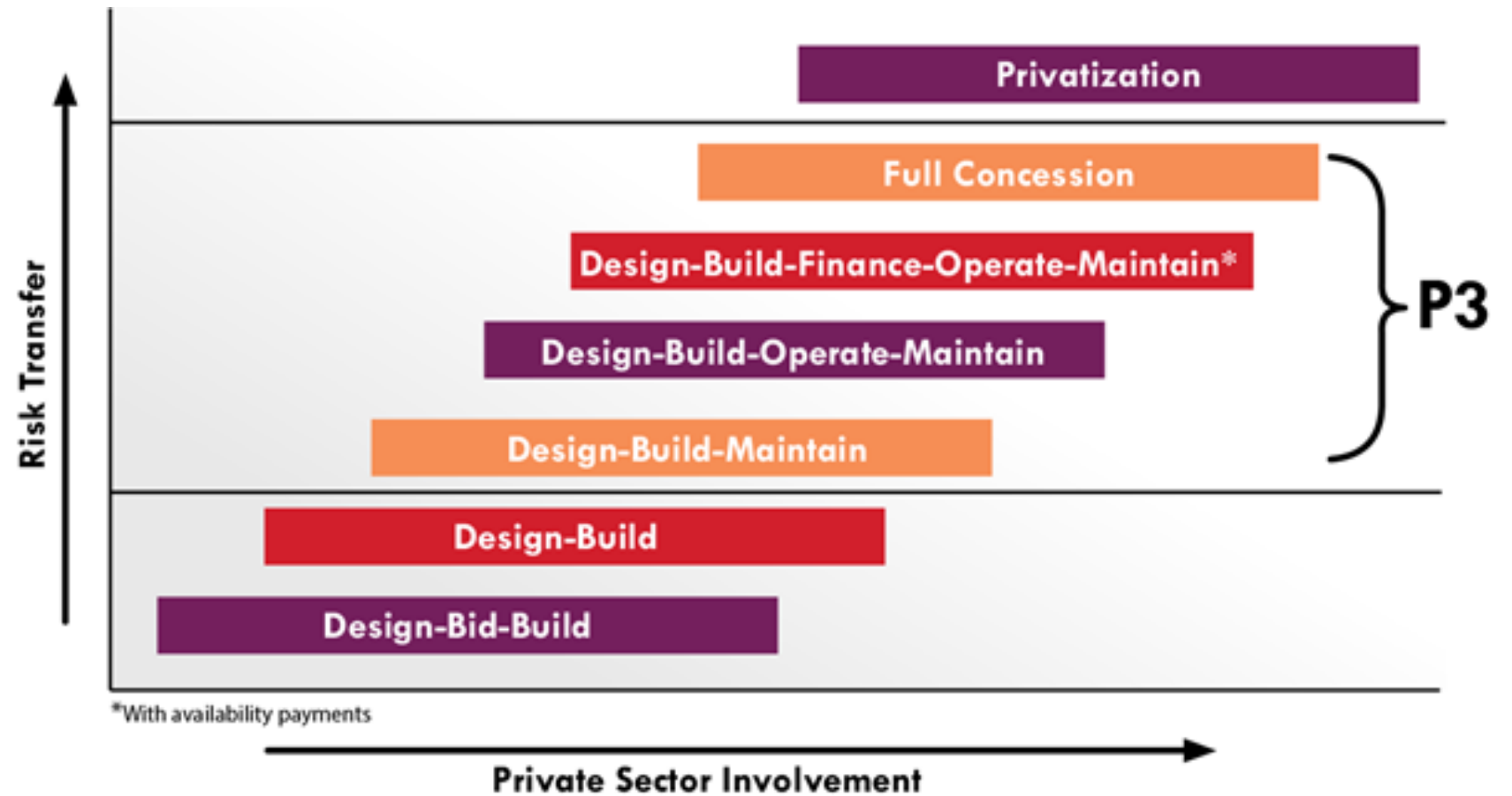
Build

Finance

Operate

Maintain

Revenue Risk



1. P3s – a definition

Procuring authority
(State DOT)

Private Sponsors

Debt Provider
(Bank)

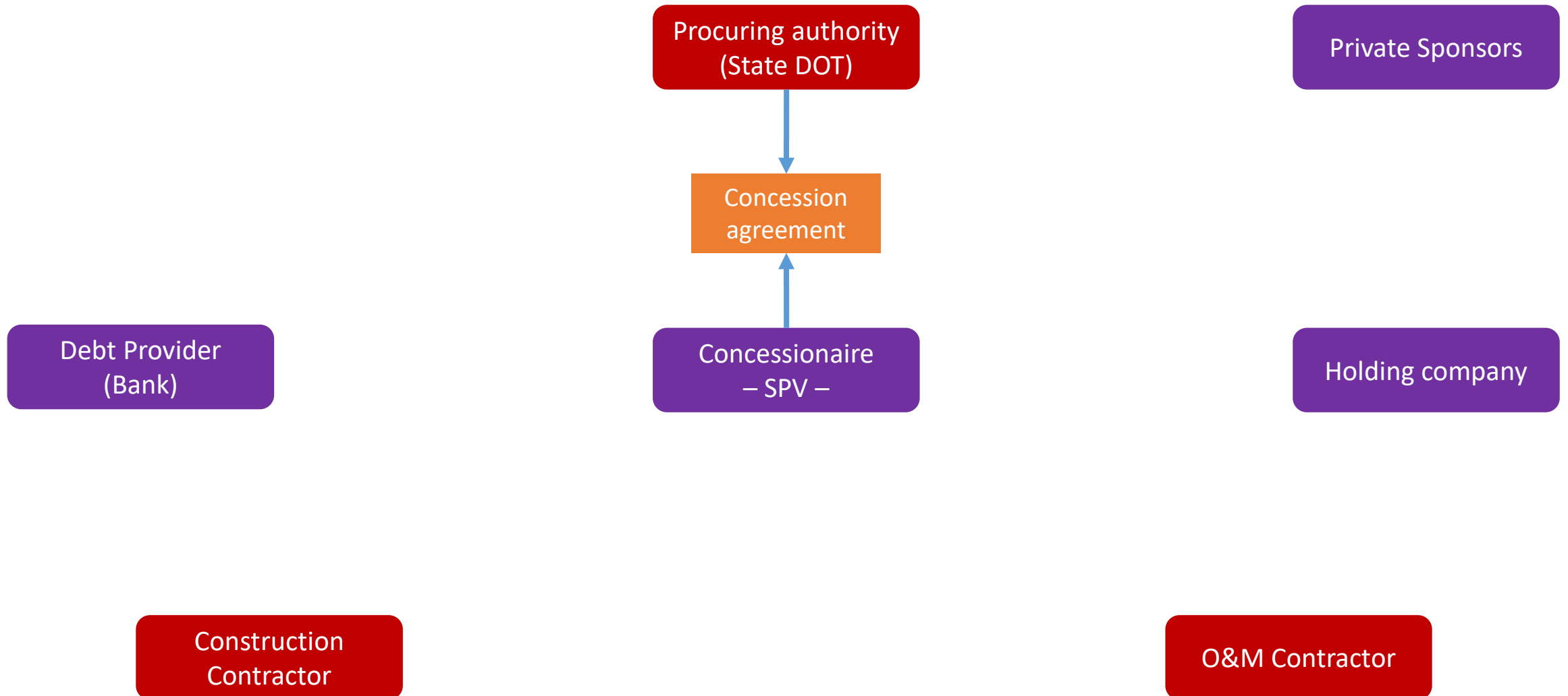
Concessionaire
– SPV –

Holding company

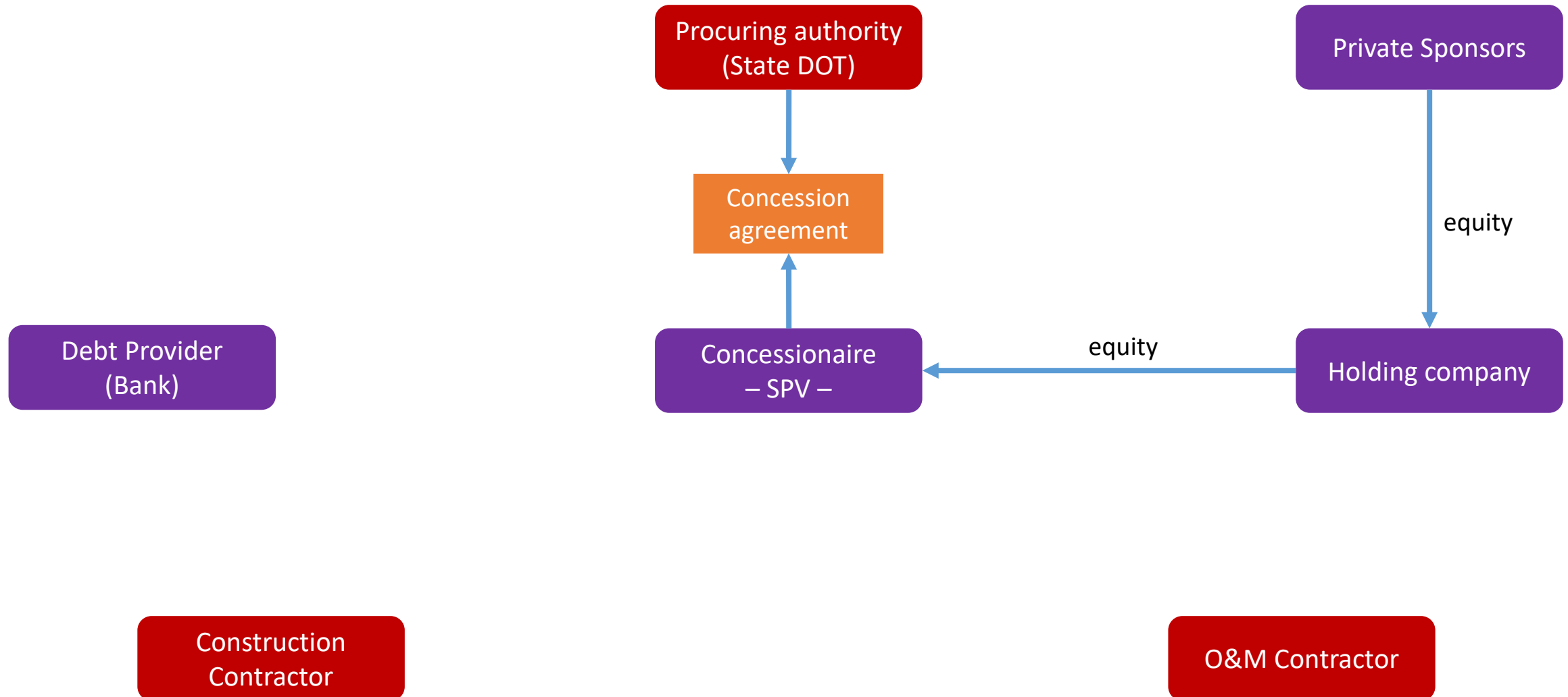
Construction
Contractor

O&M Contractor

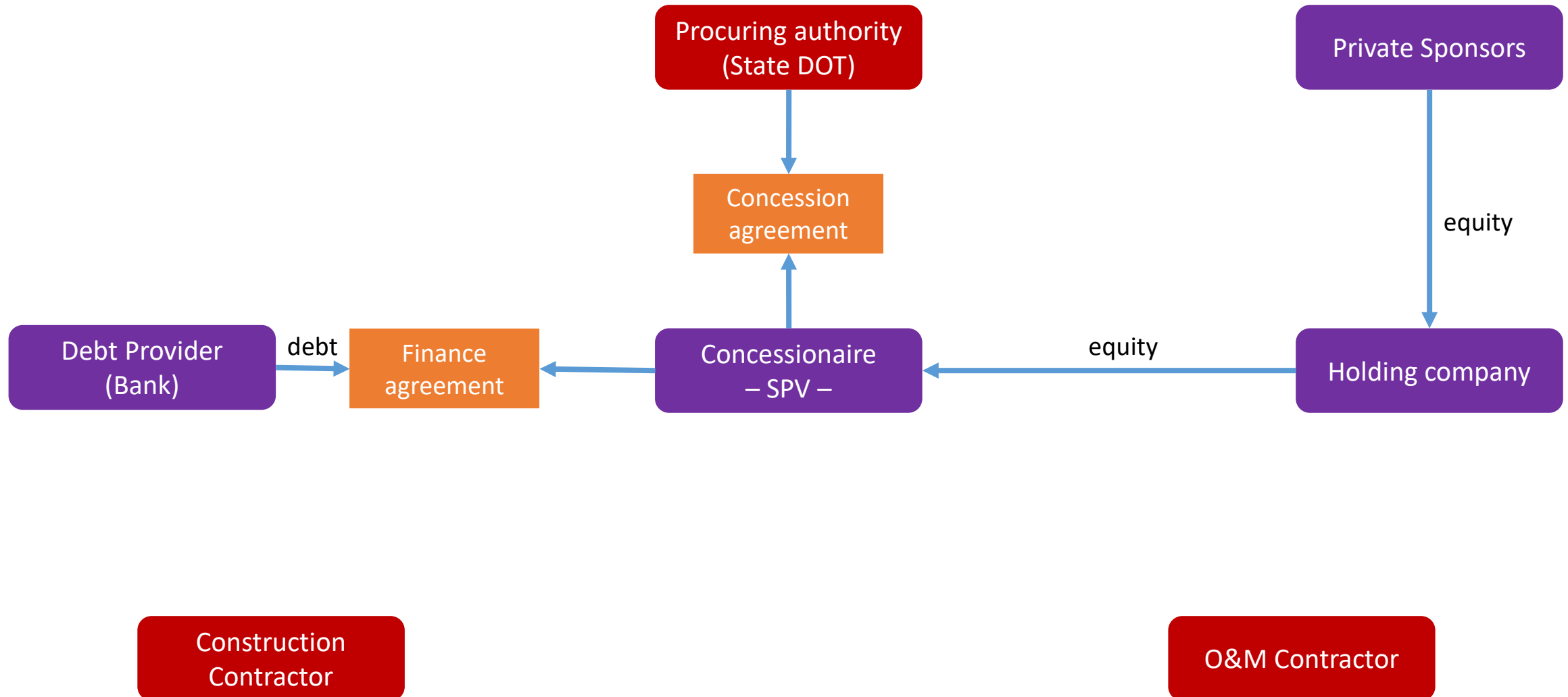
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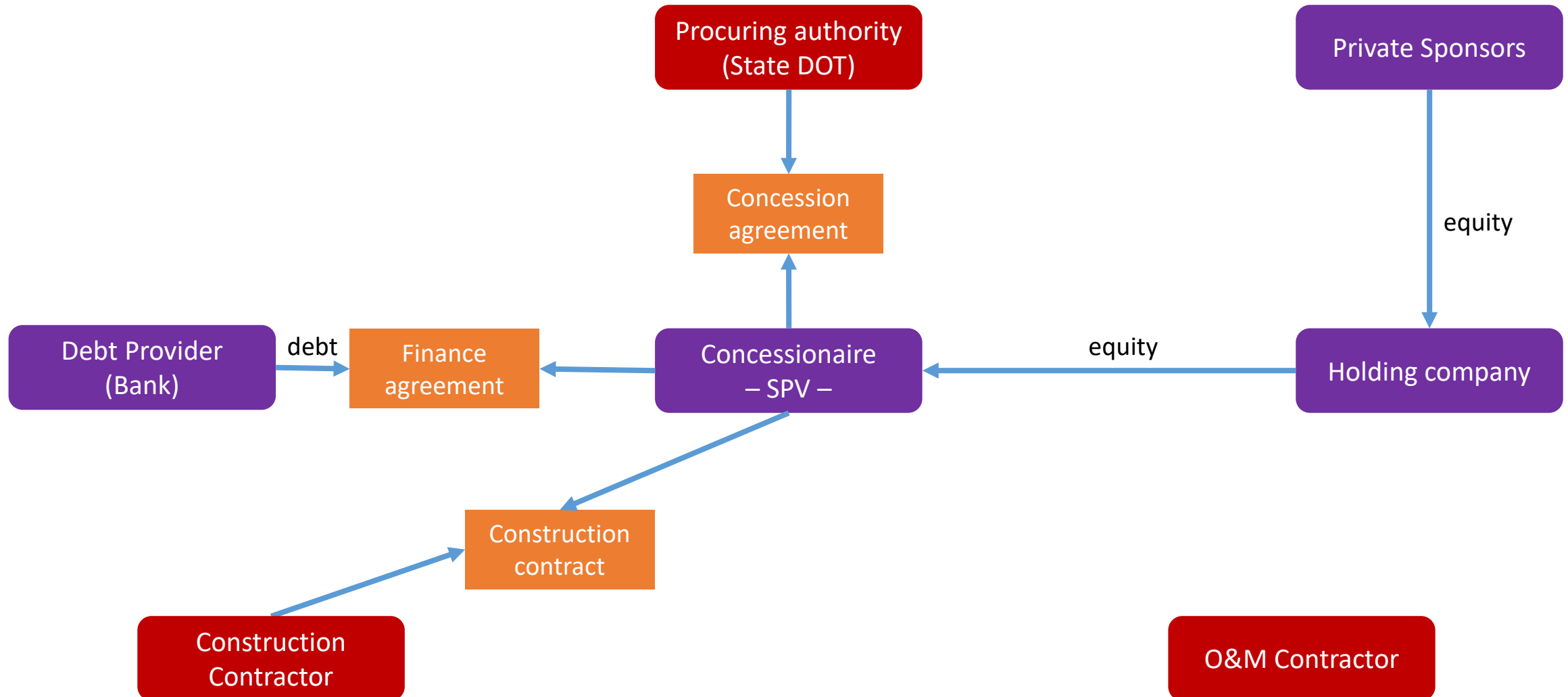
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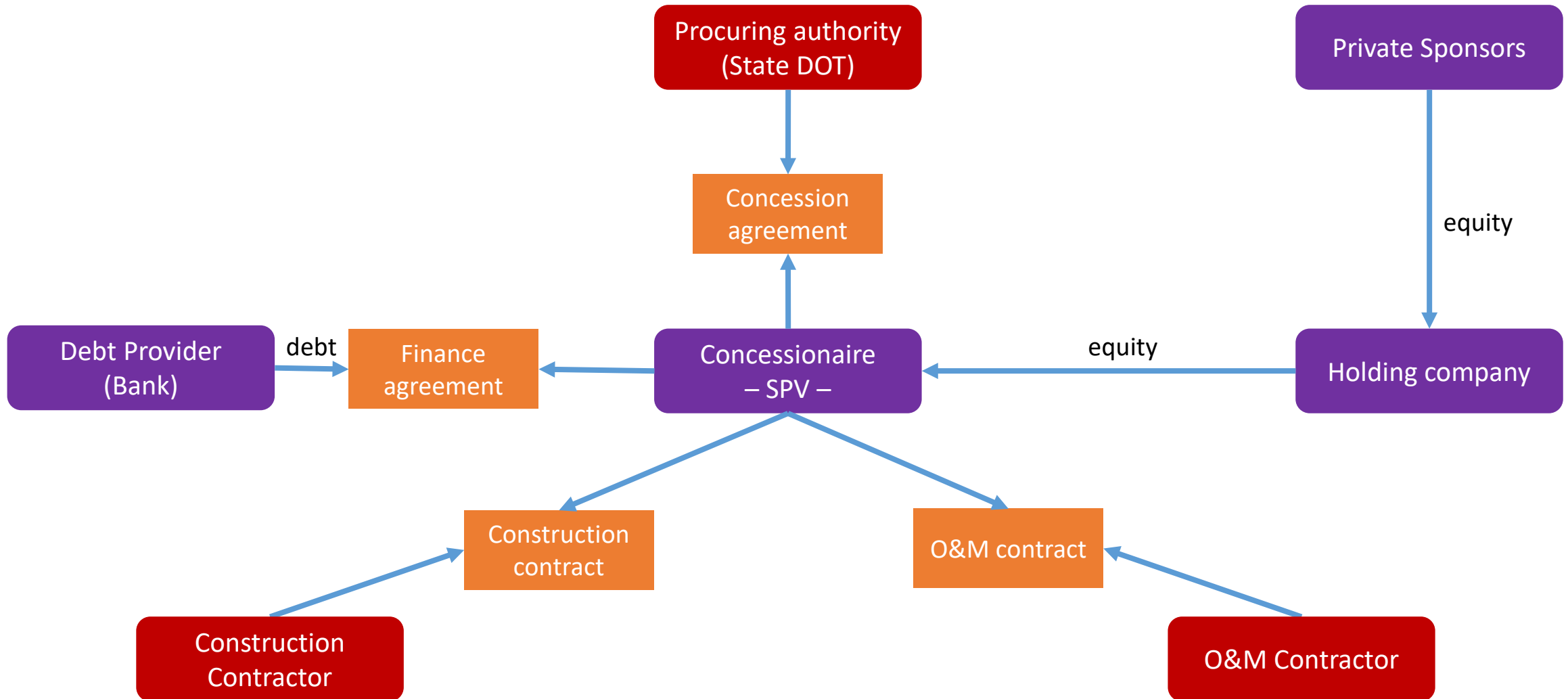
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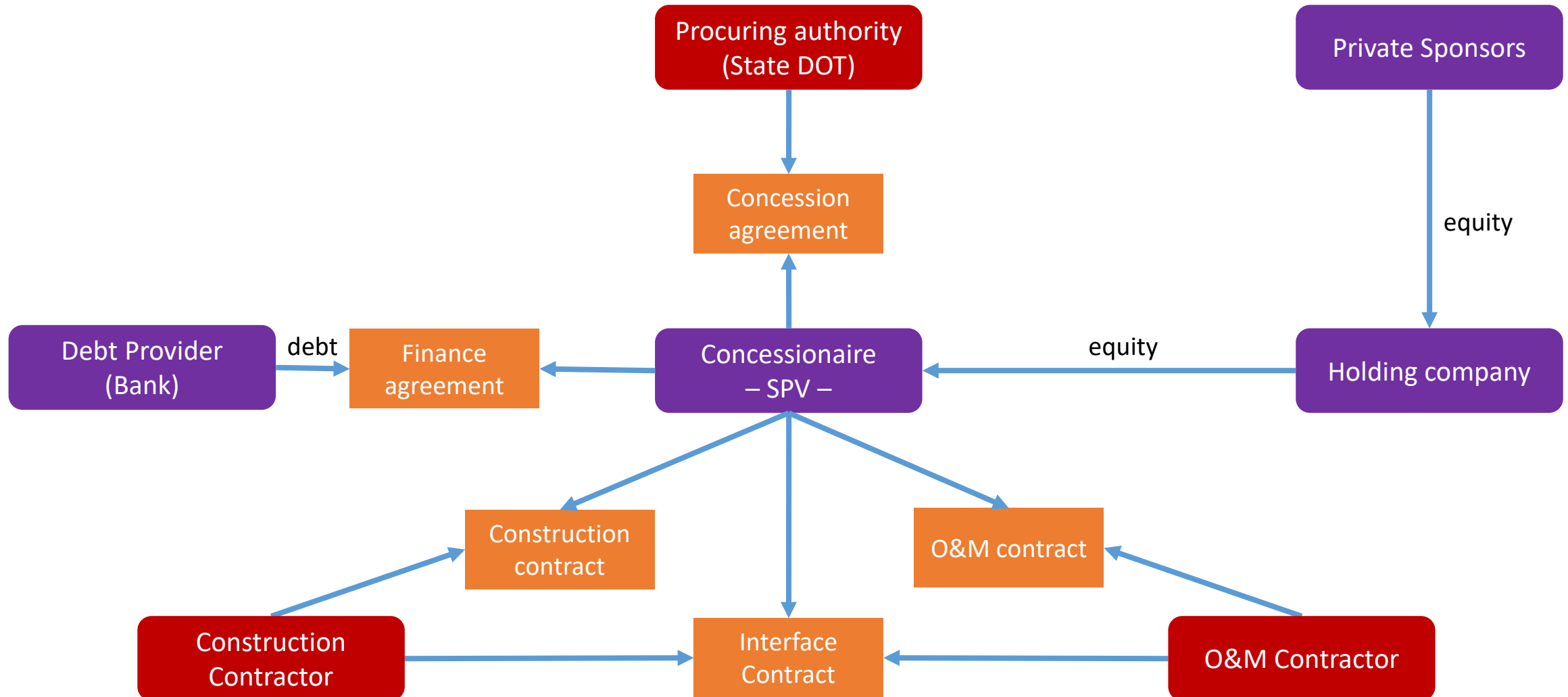
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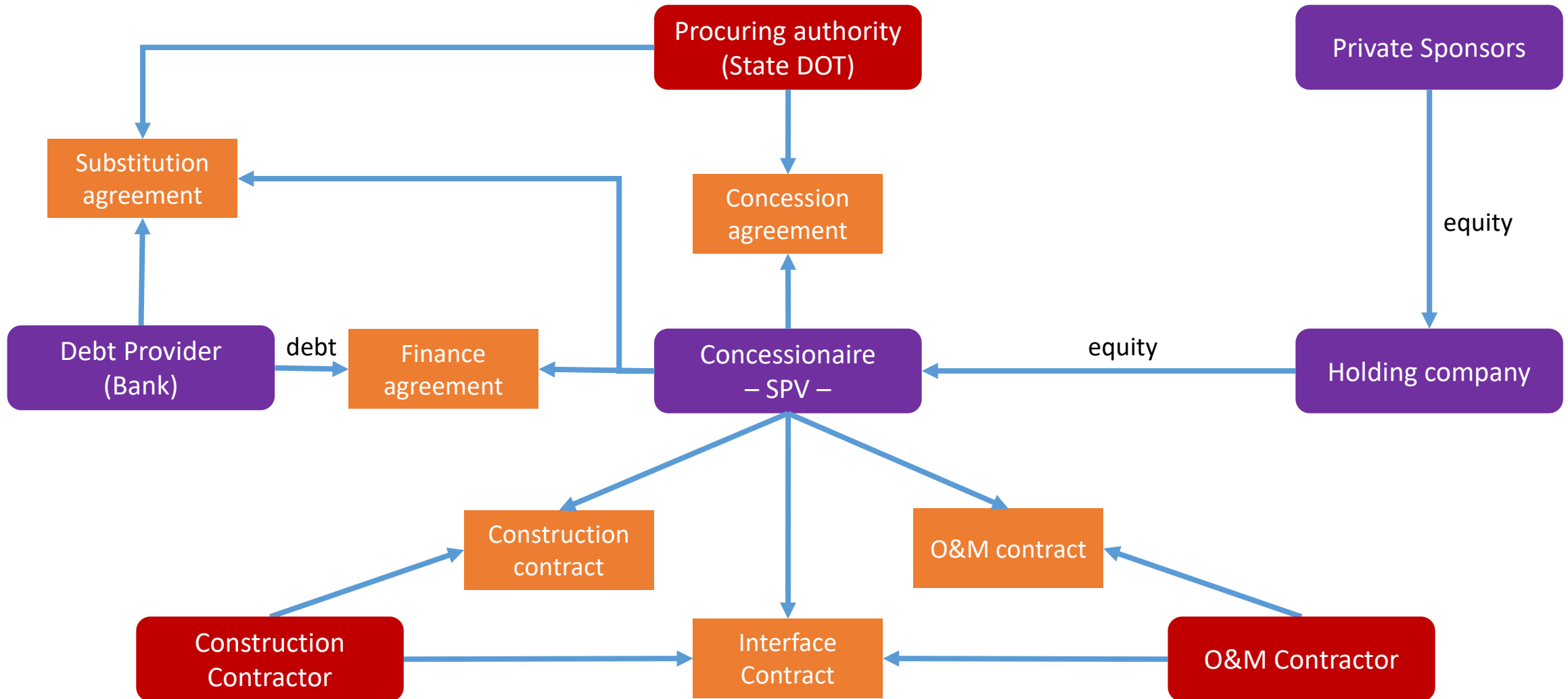
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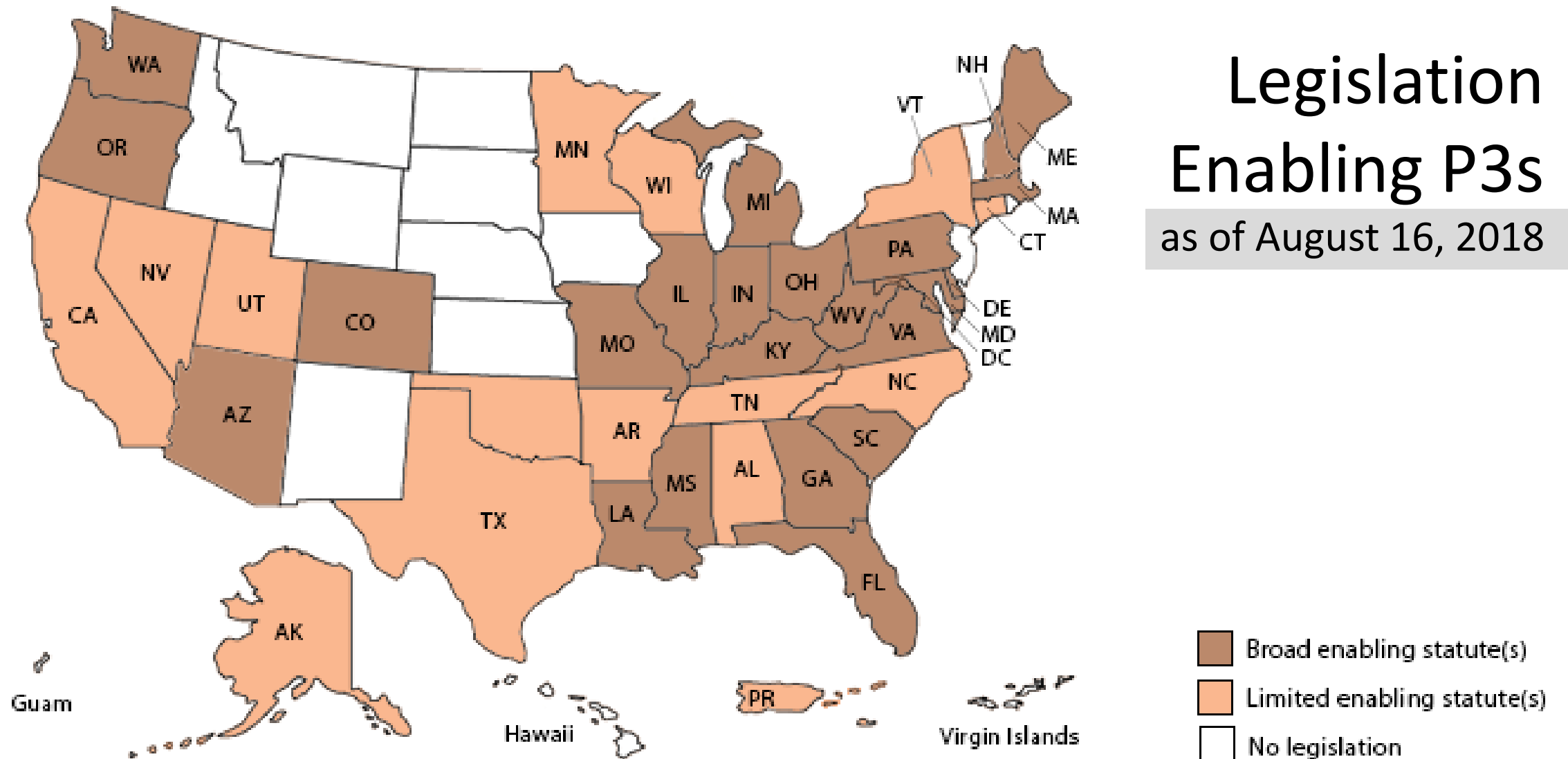


1. P3s – a definition



2. P3s in the US

Legislation
Enabling P3s
as of August 16, 2018

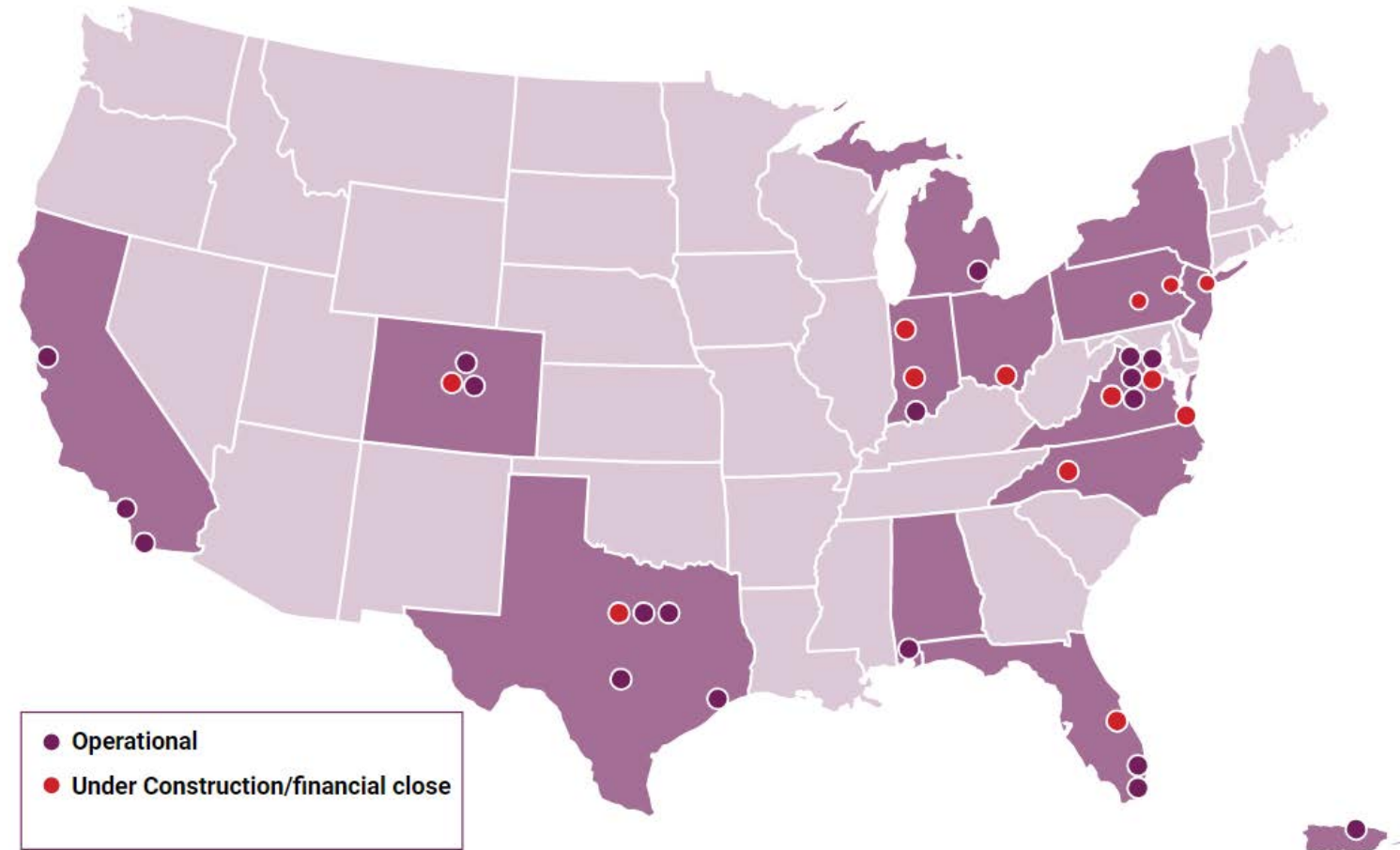


2. P3s in the US

Greenfield

Projects that focus on developing and/or building a new asset

35 DBFOM projects

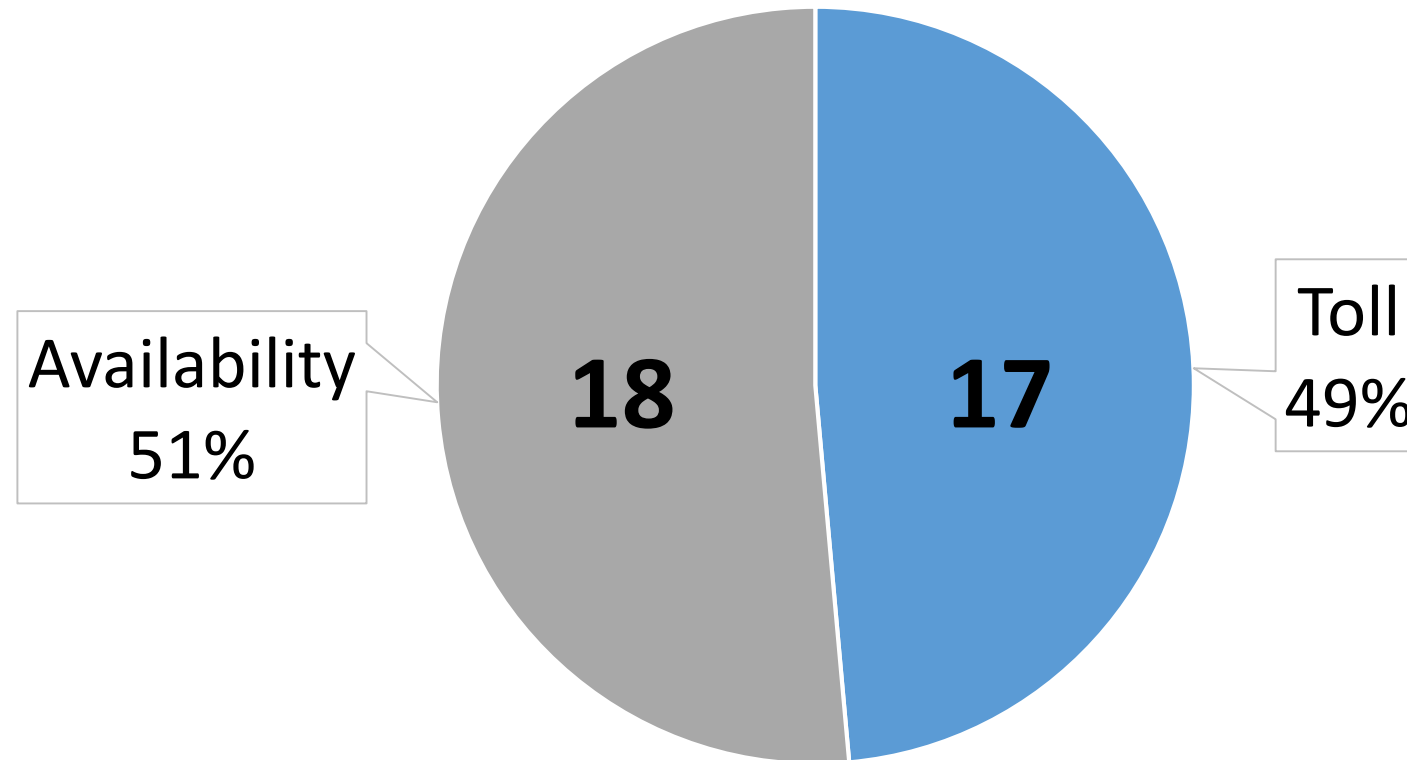


2. P3s in the US

Greenfield

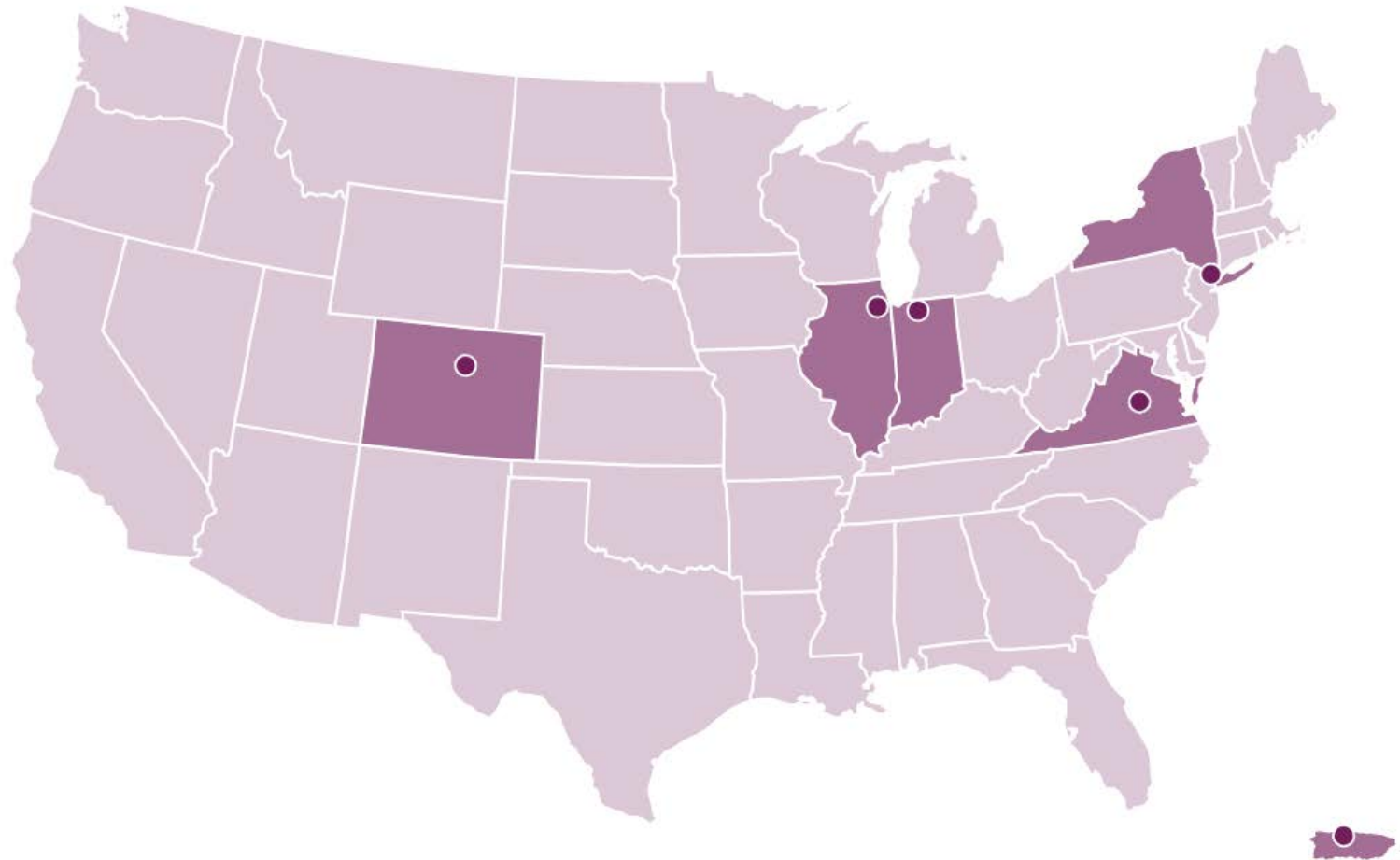
Projects that focus on developing and/or building a new asset

35 DBFOM projects



2. P3s in the US

6 Long Term Lease Concessions



Brownfield

Projects that focus on operating, and/or maintaining an existing asset

2. P3s in the US

6 Long Term Lease Concessions

1	Chicago Skyway	Chicago, Illinois
2	Indiana Toll Road	Indiana
3	Moynihan Train Hall	New York, New York
4	Northwest Parkway	Denver Metro Region, Colorado
5	Pocahontas Parkway/Richmond Airport Connector	Greater Richmond, Virginia
6	Puerto Rico PR-22 & PR-5 Lease	Northern Puerto Rico

Brownfield

Projects that focus on operating, and/or maintaining an existing asset

3. Innovative P3s

LA DOT Transportation 2.0 Strategy

1. Mobility hubs
2. Code the curb
3. ATSAC 3.0

Street lighting

Reduce operating cost

- UK
- France
- Miami
- Detroit

Mobility as a Service (Maas)

Movement of goods and people

Broadband

Deploy public and private broadband in the public right of way

Area maintenance contracts

Eliminate variability in maintenance expenses

Driver Apps

Apps that allow trucks to bypass weight stations (ex: Drivewyze PreClear)

4. P3 Resources

P3 Toolkit

Includes analytical tools and guidance documents related to the 3 key areas of P3 Implementation:

1. Legislation & policy
2. Planning & evaluation
3. Procurement
4. Monitoring and Oversight

Key analytical tools:

P3-Value

P3-Screen

P3-Effects

Coming soon

Programs:

SEP-15

Institutions:

Build America
Bureau

Financial Instruments

1. TIFIA
2. Private Activity Bonds (PABs)
3. Railroad Rehabilitation & Improvement Financing (RRIF)

4. P3 Resources

ACM Study

Create a set of tools to assist public agencies in the evaluation and selection of Alternative Contracting Methods for highway projects

Conventional Delivery

1. DBB

VS

Alternative Delivery

1. CM/GC
2. DB-bv, DB-lb
3. DBM
4. DBOM
5. DBF
6. DBFM
7. DBFOM

Information Source

Build a web-based platform that allows for the collection, maintenance, search, and retrieval of key information on major transportation projects

Potential Uses

1. Project search and performance tracking
2. Agency search
3. Benchmarking project performance
4. Partner search
5. Partner analysis
6. Delivery method evaluation
7. State of practice info
8. Pipeline projects

by November 2019

by November 2019

5. P3 Training

FHWA

1. In person Training

Basic

1. Introduction to P3s
2. Successful P3 Practices and Model Contracts

Advanced

1. P3 Project Financing
2. Risk Assessments
3. Value for Money
4. P3 Benefit-Cost evaluation

2. Webinars: Live & recorded

3. Peer Exchanges

Other Sources

1. BATIC Institute
2. Institute for Public-Private Partnerships
3. The National Council for Public Private Partnerships
4. Certified PPP Professional (CP3P), sponsored by:
 - Asian Development Bank (ADB)
 - European Bank for Reconstruction and Development (EBRD)
 - Inter-American Development Bank (IDB)
 - Islamic Development Bank (IsDB)
 - Multilateral Investment Fund (MIF)
 - World Bank Group (WBG)
5. Many other training providers

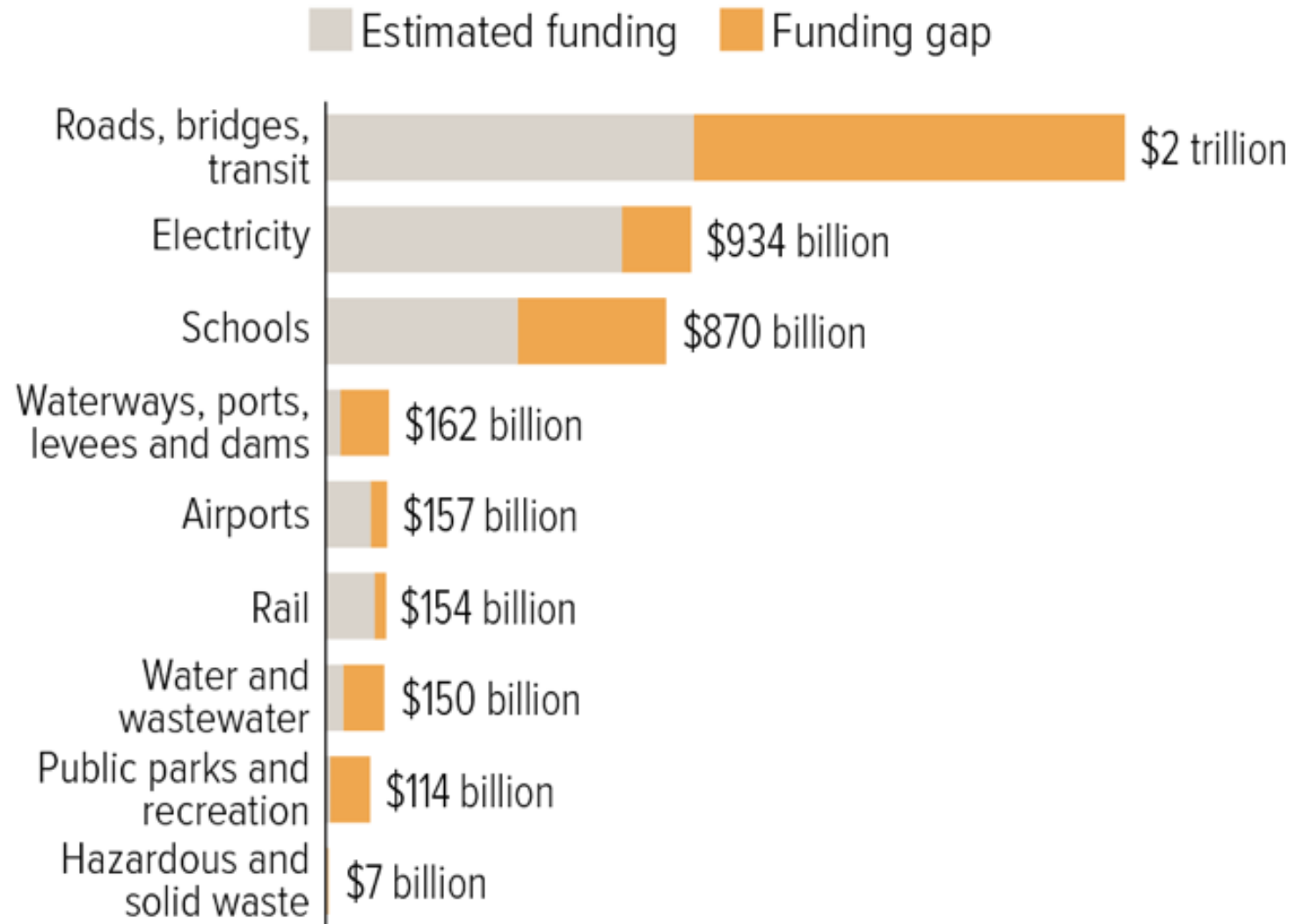
6. P3 Expectations

Infrastructure Needs

Funded & Unfunded

2016 - 2025

Source: ASCE. 2017 Infrastructure Report Card and Failure to act series, published 2011-2017



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<https://www.fhwa.dot.gov/ipd/>

<https://www.transportation.gov/buildamerica>

