

**SAE INTERNATIONAL**

**GLOBAL GROUND VEHICLE STANDARDS**

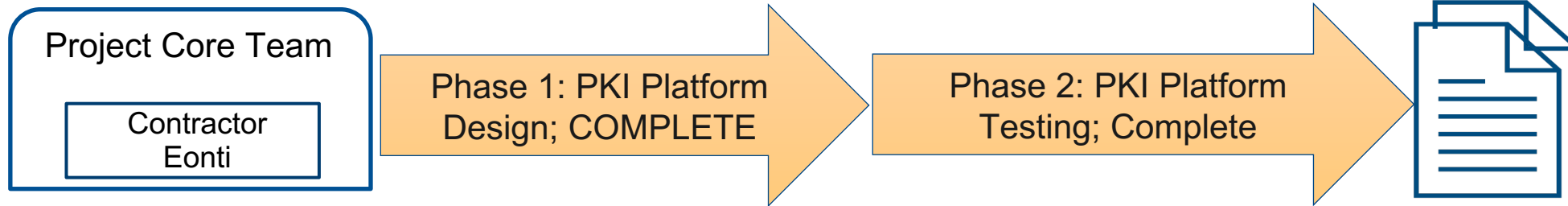
# **SAE EV Charging PKI Project**

Update – October 2022



# SAE EV Charging PKI Technical Development

## SAE EV Charging PKI Project



### Completed Project Deliverables

#### Phase 1 Design

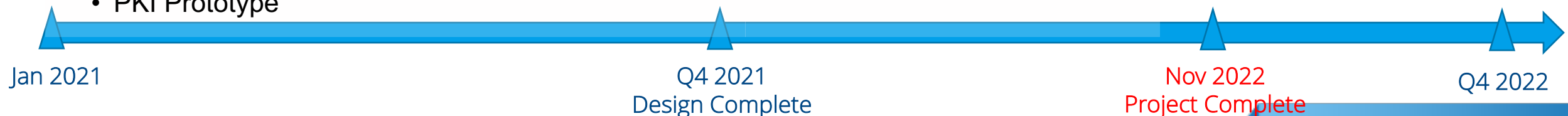
- Industry Review and Gap Analysis
- Threat Model
- PKI Platform Design Package including:
  - PKI Requirements Document
  - PKI Prototype

#### Phase 2 Testing

- April 2022 – Test 1 – initial Demonstration of PnC
- September – Test 2 – comprehensive testing.

#### Final Technical Deliverables:

1. EV Charging PKI Platform
2. Handover Plan to operate the Industry PKI



# Test 2 – National Renewable Energy Laboratory (NREL) – Sept 2022



OEMs  
BMW  
Ford  
Rivan

EVSEs  
ABB  
BTC Power  
Rivan  
Zerova

Back Office  
Electrify America  
Shell

# From CRP to Operational PKI

