



## **ACCORD PROJECT SUPPLY CHAIN WORKING GROUP CHARTER**

### **1. Background**

#### **a. Description and Goals**

- i. The purpose of the Accord Smart Cities Working Group is to produce standards and open source tools to enhance technology-driven urban development, renewal, and quality of life with smart legal contracts. Key to this end is making available and analyzing data about a wide range of contracts and related practices, including real estate, development, transportation, and environment.

#### **b. Potential areas of focus and issues to address:**

- i. Data transparency, visibility, and real-time monitoring for public contracts
- ii. consolidation and digitization of real estate, deeds, land title registry, and related contracts and sales and closing practices
- iii. Data-driven pre-project approvals, milestone payments, and post-development maintenance for construction contracts
- iv. Integration and automated administration of construction contracts between developers, consultants, general contractors, and subcontractors
- v. Incorporation of real-time health and environmental impact measures into contracts
- vi. Tolls and traffic congestion pricing
- vii. Using smart legal contracts to improve sharing economy approaches to transportation, housing, infrastructure
- viii. Promotion of municipal open data
- ix. Meter and performance-based energy allocation and pricing
- x. Interoperability among IoT, wireless, and other municipal communication networks for aggregation into contracts

### **2. Governance**

#### **a. Organization**

- i. Chair
  - [Malcolm Dowden](#), Bond Dickinson
- ii. Members
  - TBA

#### **b. Decisionmaking**

- i. The Chair shall be responsible for carrying out the activities of the Working Group.

- ii. The Chair and each member have equal voting rights unless otherwise agreed or indicated by Accord Project rules.
- iii. The Chair may establish groups or committees of members subject to approval by the Accord Steering Committee, including a management committee made of the only members entitled to vote.
- iv. Proposals for deliverables, the establishment of sub-groups and committees, and other activities, are to be made by the Chair and voted on by members, and documented and stored appropriately in the Accord Project's Confluence space (see below).
- v. A quorum of 50% or greater (including the Chair) of members entitled to vote is required for any vote.
- vi. Any tie breaking vote, where needed, may be made by the Chair.
- vii. Any modifications to this Charter relating to governance may be made by the Chair subject to approval of the Accord Steering Committee.

**c. Regular Working Group Meetings**

- i. Meetings will take place at least every two months. The date for the next meeting will be set at the previous meeting.
- ii. Various methods of meeting (e.g. video conferencing, in-person) may be used by a given Working Group. Multiple methods of meeting may be used, as determined by the WG. For example, a Working Group may have an in-person meeting every two months supplemented by conference calls.
- iii. Eligibility to participate: only Working Group members (including a proxy if an organizational member), or others as pre-approved by the Chair.
- iv. Agenda and logistical information (e.g. dial-in information) to be distributed by email at least one week in advance by the Chair and based on prior consultation with Working Group members.

**d. Infrastructure and Communications**

- i. WG Website
- ii. Slack
- iii. Confluence
- iv. Conference Calls

**e. Events**

- i. Conferences, meetups, and outward facing events intended to include participation by non-members of the Accord Project to be determined by Accord Steering Committee and Working Group Chair in consultation with Working Group members.

**3. Deliverables**

**a. Documents**

- i. Primers
- ii. Problems
- iii. Standards
- iv. Workflow diagrams
- v. Surveys and studies
- vi. Reports and analysis

**b. Code and Technology**

- i. Technical Specifications
- ii. Software
  - Source code (Github)
  - Code-free software for use by non-technical members
    - Apps
      - [Neota Logic](#)
      - [OutSystems](#)
      - [Mendix](#)
      - [Bubble.is](#)
    - IoT
      - [Kaa](#)
      - [Carriots](#)
      - [IQP IoT](#)
      - [Temboo](#)

**4. Potential Partner Organizations and Initiatives**

**a. Trade Groups**

- i. [Nat'l Association of Manufacturers](#)
  - [The Internet of Things | NAM - National Association of Manufacturers](#)
- ii. [National Council for Advanced Manufacturing](#)
- iii. [Supply Chain Management Association](#)

**b. Internet of Things**

- i. [Internet of Things Consortium](#)
- ii. [Semiconductor Industry Association - Internet of Things](#)
- iii. [Internet of Things Association \(IOTA\)](#)
- iv. [IEEE-SA - Internet of Things](#)
- v. [Alliance for the Internet of Things Innovation](#) (Europe)

**c. Startups**

- i. [Flexport](#)

- ii. [FreightHub](#)
- iii. [Tive](#)
- iv. [Infor](#)
- v. [Elementum](#)
- vi. [Modum](#)
- vii. [Narvar](#)
- viii. <https://angel.co/supply-chain-management>
- ix. <https://angel.co/logistics>

**d. OS Supply Chain, ERP, and Similar Projects**

- i. [Odoo](#)
- ii. [Metasfresh](#)
- iii. [Openboxes](#)
- iv. [Apache OFBiz](#)