Role Taxonomy Overview

Role Taxonomy

Six roles. Each is bounded by a credential. AI agents are first-class participants.

Roles & Permissions · R-00

Every actor in the framework — human, organisation, or AI agent — operates under one of six defined roles. Roles are not just labels: each role is a Verifiable Credential issued by CTH (or by the community for the Sovereign role) that gates API permissions. You cannot perform an action without the credential that authorises it.

Permissions Matrix

Permission	Submitter	Validator	Sovereign	Steward	Auditor	AI Agent
Submit polygon / emissions data	? Own data	—	—	—	—	? If delegated by Submitter
Issue VALIDATED event / DCC	—	?	—	—	—	? If delegated by Validator
Issue / revoke FPIC credential	—	—	?	—	—	—
Read own submitted data	?	?	? (own territory)	?	? Public only	? Delegated scope
Read all non-restricted data	—	?	? Own territory	?	? Public only	? Public scope
Manage schemas / framework	—	—	—	?	—	—
Call POST /policy/evaluate	?	?	?	?	?	? Mandatory before write
Override FPIC consent block	? Never	? Never	N/A	? Never	? Never	? Never

Key principle: An AI agent inherits the permissions of the human role that delegated it — never more. An agent acting for a Submitter can write polygon data but cannot validate it. Agents cannot combine permissions from multiple delegating roles.

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