# Carboncoin Offer Retrieval

**Carbon Market Blockchain Channel**

Hydrogen Producer | Carbon Market Website | HTTP API | Cryptographic Wallet | **Carbon Market Smart Contract** | Carbon Market On Chain Database

Retrieve Offers →

Get Offer Request →

Get admin credentials →

Return credentials ←

Request observation of offers →

**alt** [Carbon Reputation Filter Present]

Perform Index Query Sorting (warmed) →

Offer Results Sorted with Reputation ←

[Normal Offer Retrieval]

Perform Index Query No Sorting (warmed) →

Offer Results ←

Return offers ←

Close Gateway with User Certificate ←

Return offers ←

Observe available offers ←

*Note:* Whenever Hyperledger cuts a new block, an offer index is warmed to reflect the latest information on the blockchain.
Such a feature strikes the perfect trade-off between the most accurate financial information with on chain smart contract performance.