Annex G: Product Road Map

Capability Evolution Matrix

The following matrix provides the overall structure that RECCo will use to manage and communicate the evolution of CCS capabilities. At this stage, it is presented as RECCo's first view, based on information available at this point and current scope, and signposting possible enhancements or expansion. The detailed content will be further refined through CCS implementation, working group engagement, and REC governance.

This structure will be updated iteratively as the CCS matures, ensuring a clear and accessible view of near-term priorities and longer-term possibilities.

Product Pillar	Now (MMP / REC Baseline)	Next (Enhancements & Adoption)	Later (Expansion & Future)
Identity, Access and Verification (ID&V)	• High confidence GPG45 photo ID verification • Address to MPxN matching using Enquiry Services (REL preferred, MPL fallback) • Unique identifier for CCS consumer • Minimum viable IDV provider options • Guest journey with full re verification • Online only journeys • Domestic consumers only	• Guest-to-account consolidation • Inclusive/offline IDV routes • Microbusiness IDV • Company house checks for businesses (permissions ready) • Delegated authority access processes • Energy Supplier IDV (recognising customer vs consumer)	• Federated IDV (e.g., Open Banking, GOV.UK One Login, NHS Login) • IDV for PSR ATPs & PSR Data Providers • Multi MPxN identity linking
Consent Lifecycle Management	• Central consent registry & ledger • Standard Consent Data Schema v1.0 • Token creation bound to ATP identity • Mandatory token introspection before data sharing • Revocation & renewal processes • Consumer initiated revocation via portal and ATP • Time bound expiries & historic data limits • New consents only	• Automated consent review triggers • Inclusion of historic consents (supplier) • Delegated authority consent and management flows	• Non domestic consent models • Consent for export/generation data • Non domestic permissions • Non-consent lawful basis data schemes

Consumer Portal & Experience (incl. CEGs)	• CEGs v1.0 • CCS Consumer Portal • Grant, Renew, Review, Revoke journeys • Plain language content meeting WCAG AA • Branding & trust signal decision • Introductory participant education	• Expanded CEGs v2.0 • Inclusive/assisted/offline journeys • B2B engagement materials • Behavioural insight led UX improvements • Trust mark evolution & awareness • Advanced accessibility for high needs consumers	• Expanded CEGs v3.0 • White-labelled consent portal through trusted 3rd parties
Ecosystem & Data Access Framework	• Directory of ATPs/EDPs with certificates • Dataset & endpoint registry • CCS managed onboarding managed onboarding • SDR & SEC OU integration routes • Domestic HH data only • Consent based data sharing only based data sharing only	• Tiered discovery (public/commercial views) • Tariff Interoperability dataset • New EDP types (suppliers, FMAR, DCC variants)	• PSR dataset integration • Government scheme participation (Warm Home, Winter Fuel etc.) • Asset Controller • Cross sector ecosystem models
APIs & Authorisation	• Adoption of FAPI 2.0 + mTLS • Cryptographically signed messages • Single CCS token & introspection endpoint • Consent API v1.0 • Sandbox & pre-production testing suite	• API versioning & lifecycle management	• Multi-sector API schema governance
Monitoring, Audit & Assurance	• Automated monitoring (latency, errors, IDV, drop off, matching) • PAF based accreditation & assurance • Monthly ATP reconciliation	• Mystery shopper UX checks • Behavioural analytics expansion • Consent pattern anomaly detection • Extended Voice of the Consumer	• Automated compliance insights

	• Event logging & audit trail • Core KPI/SLA monitoring		
Platform Resilience & Operations	• 99.9% availability • Retry strategy • RTO/RPO requirements • 24/7 P1 service desk • Encrypted backups & DR • ISO 27001 requirement	• Autoscaling tuning • Operational dashboards	• Higher availability tiers
Governance & Trust Framework	• REC CCS Arrangements Schedule • Non Party Service User Agreement • Accreditation checks • New dataset approval process • Consent dispute handling • Energy Ombudsman	• Supplier consent migration • Governance for new datasets • Cross code alignment (SEC/BSC/DSI)	• Governance for Smart Data cross sector entrants • New lawful bases beyond consent
Communication, Transparency & Education	• CCS brand & trust identity • Introductory consumer education • ATP onboarding guidance • Standard lexicon for consent communication	• B2B training materials • Trust mark rollout • Additional journey based learning	• Consumer education aligned with Smart Data
Cross Sector Interoperability & Future Data Capabilities	• (None – MMP intentionally narrow)	• Early Smart Data alignment • Schema mapping & identity alignment • Tariff Interoperability and Flexibility Market Asset Registry	• Full Smart Data interoperability • One version of the truth identity & data linking