Phase 7: Integration & External Access

This phase establishes secure and seamless communication between Salesforce and external systems for the Green Energy Usage Monitor.

- **Named Credentials** – Securely store endpoints & credentials for API callouts.

- **External Services** – Connect APIs declaratively via OpenAPI specs.

- **Callouts** – Perform outbound callouts from Apex for real-time validation & updates.

- **Platform Events & CDC** – Support event-driven, asynchronous data exchange.

- **Salesforce Connect** – Access external data in real-time without duplication.

- **API Limits & Management** – Monitor API usage to ensure performance & prevent throttling.

- **OAuth & Authentication** – Implement secure, industry-standard authentication flows.

- **Remote Site Settings** – Configure trusted endpoints for secure external callouts.

Outcome: A robust integration layer enabling real-time, secure, and scalable energy management across platforms.