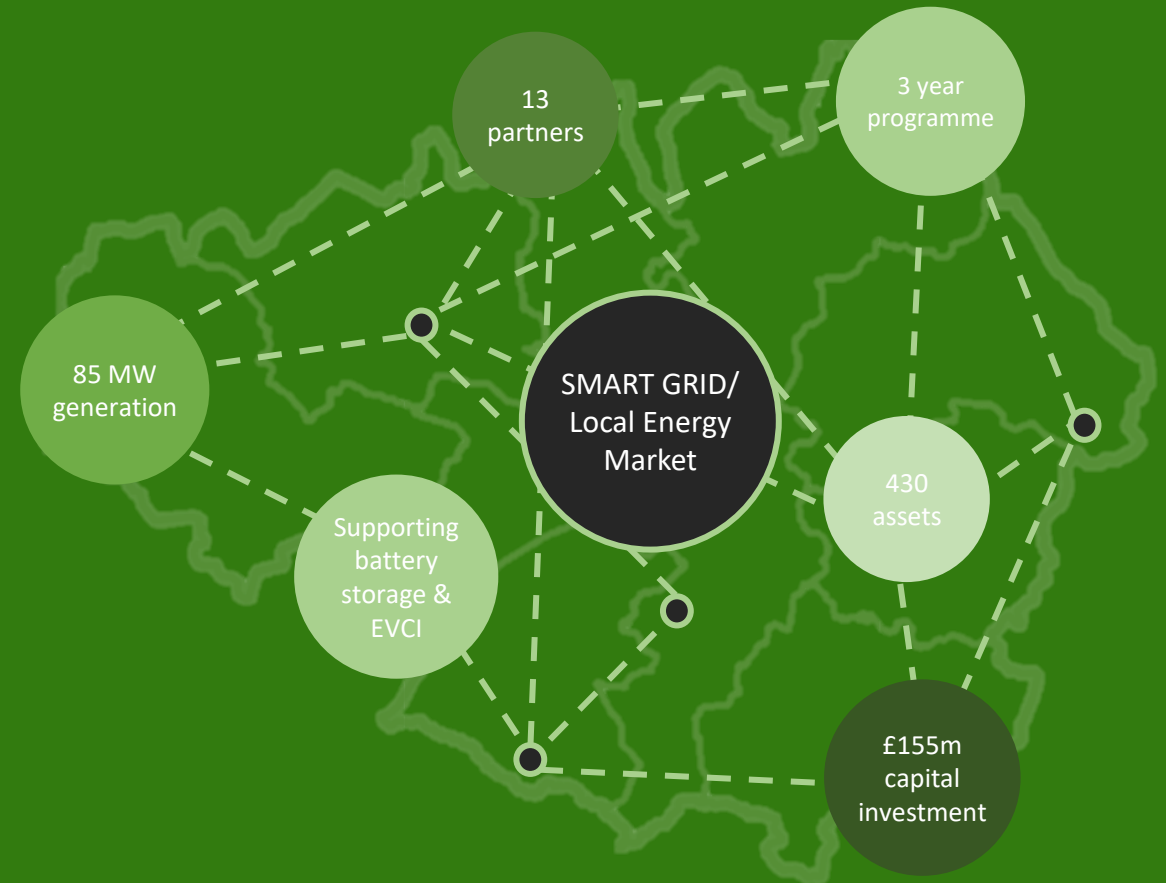


Go Neutral Smart Energy Call-Off Framework

Green City Region Partnership

27.01.22



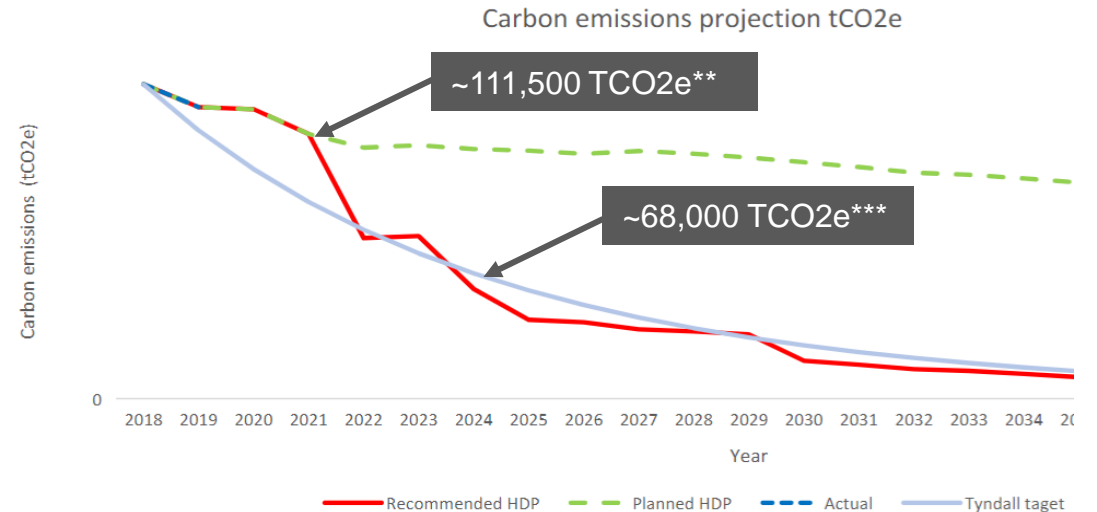
Recap - why we are doing this

1. **Impact:** Our Climate Emergency declarations and the GM 5 year Environment Plan require us to decarbonise our estate – URGENTLY
2. **Growth:** We need to create opportunities for local jobs and businesses and build our local green economy (retaining co-benefits locally)
3. **Affordability:** We need to protect revenue budgets against future energy market volatility by taking more control over our energy supply and usage

We need an easy route to market that can deliver the above quickly and efficiently and that:

- I. Provides a streamlined and consistent approach
- II. Accommodates different LA priorities, funding preferences, and risk appetite
- III. Enables public sector collaboration and multiple beneficiaries

Illustrative scale of the decarbonisation challenge/ opportunity for GMCA partners' corporate estate*:



- Target carbon saving from now to 2024 = ~44,000 TCO₂e
- Grid decarbonisation might provide = ~ 2,000 TCO₂e saving
- DoPE decarbonisation activity might provide = ~21,000 TCO₂e (based on an average of PSDS 1 & 3 savings)
- Leaving a carbon saving to get us on the Tyndall pathway = ~20,500 TCO₂e
- Roughly equivalent to installing = ~240 MW of solar PV over 3 years****
- Generating circa 75% of the electricity demand or corporate estate (based on latest figures)

*Excludes data for Oldham as we do not have a BH building energy decarbonisation plan to take the data from

** based on a carbon factor of 0.113kgCO₂e per kWh

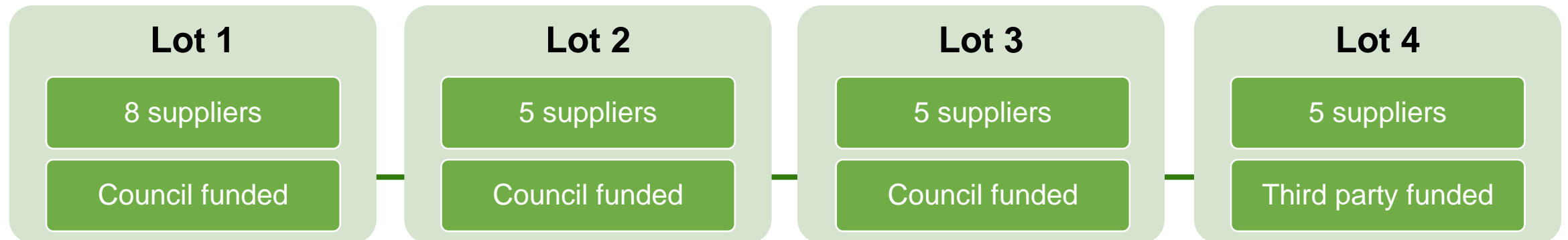
*** based on a carbon factor of 0.105 kgCO₂ per kWh

****based on an average grid electricity carbon factor of 0.11kgCO₂e per kWh

The Call-Off Framework

- The call-off framework comprises 4 lots:

| | | |
|--------------|--|--|
| Lot 1 | Building integrated solar PV (and battery storage, if required) | E.g. 999kW Makerfield Way, 717kWp Hammerstone Road, 327kWp Endeavour House |
| Lot 2 | Solar car ports (and battery storage/ EV charge points, if required) | E.g. 214kWp Mersey Way/ 180kWp Stockport Exchange |
| Lot 3 | Ground mounted solar PV (and battery storage, if required) | E.g. 4MWp Chamber House Farm, 1.9MWp Little Hulton Solar farm |
| Lot 4 | Integrated smart energy solutions (solar PV plus battery storage, EVCI, wind turbines, hydro, etc,...) | |



The Call-Off Framework – Legal Agreements

Lot 1 Building integrated solar PV (and battery storage, if required)

Lot 2 Solar car ports (and battery storage/ EV charge points, if required)

Lot 3 Ground mounted solar PV (and battery storage, if required)

Lot 4 Integrated smart energy solutions (solar PV plus battery storage, EVCI, wind turbines, hydro, etc,...)

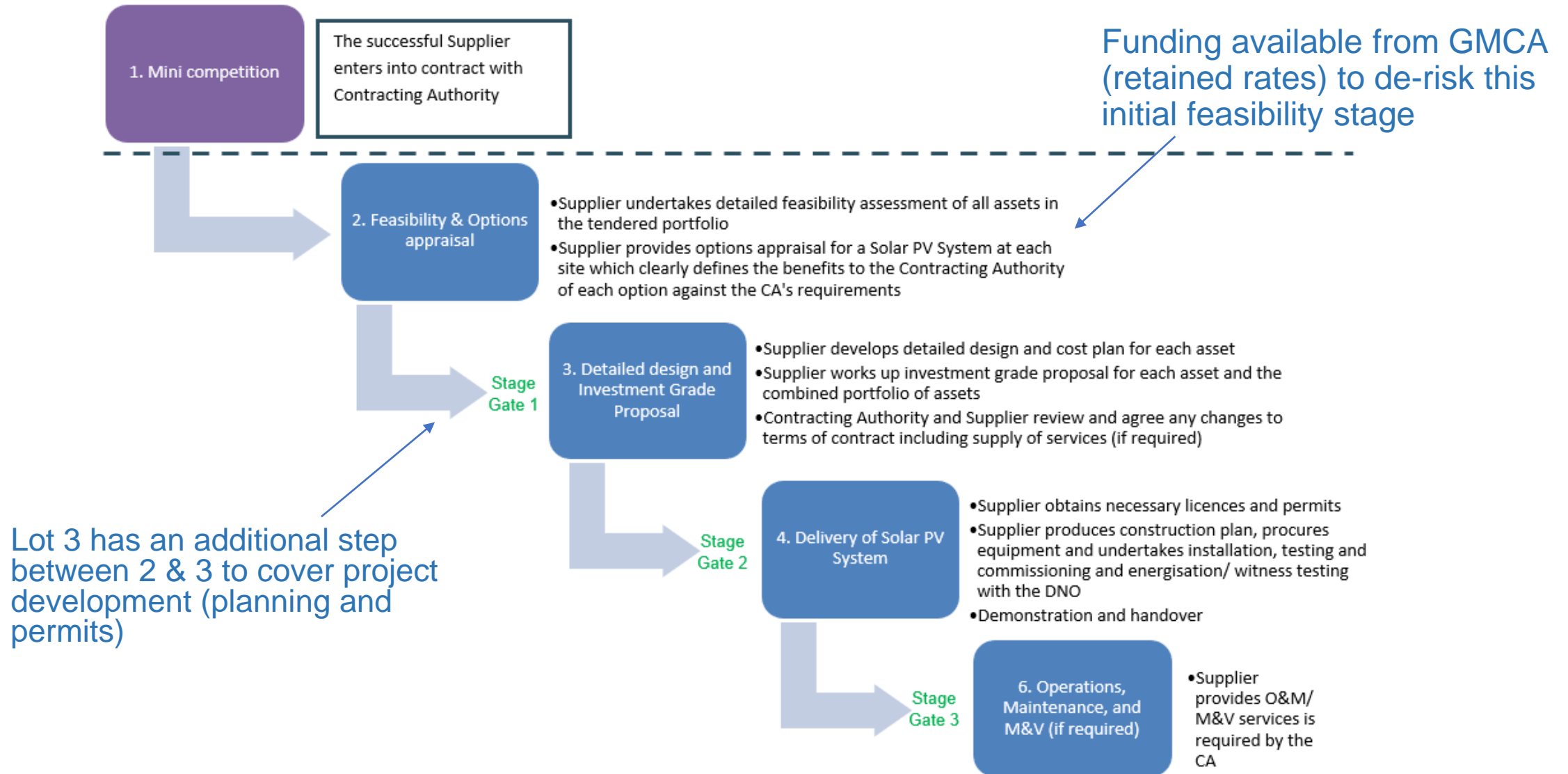
NEC 4 Term Service Contract

- Task based Services and/ or Works, e.g., feasibility studies, detailed design, installation, O&M
 - Suitable for a portfolio of multiple projects (can all be covered off under single contract)
 - Provides break points if projects prove unviable following a task
-

Strategic Partnering Agreement (Supplies or Service), which provides a wrap around for:

- Heads of Terms for Option and Lease (Option and Lease Agreements to be developed)
 - Power Purchase Agreement
 - EVCI Hosting Agreement
 - Carbon offset agreement (to be developed)
 - Annexes – e.g. Shared Ownership – only covered in principle
-
-

Process following mini competition (Lots 1-3)



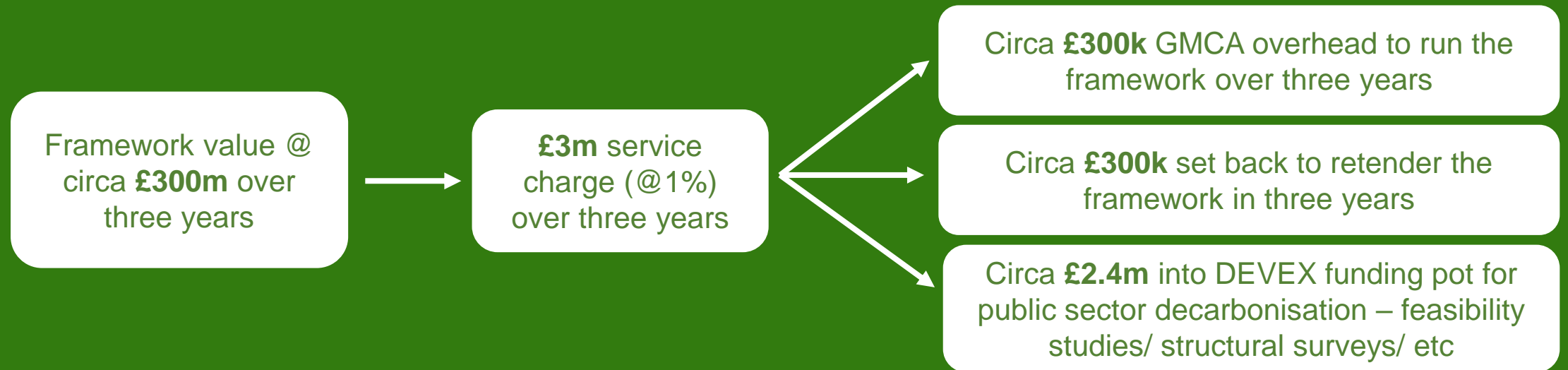
The Call-Off Framework – Delivery Agents

| Lot 1: Building mounted solar PV (with battery storage) | Lot 2: Solar car ports (with battery storage) | Lot 3: Small scale ground mounted solar PV | Lot 4: Integrated smart energy solutions |
|---|---|--|--|
| Aberla | Aberla | Ameresco | SSE |
| CorEnergy | Ameresco | CorEnergy | Ameresco |
| Custom Solar | Emtec | Custom | Mitie |
| Emtec | Polysolar | Emtec | CorEnergy |
| EvoEnergy | Vital Energy | Evo | Robertsons – Clear Futures |
| NPS | | | |
| PolySolar | | | |
| Vital Energy | | | |



The Call-Off Framework - 1% Service Charge

- In accordance with standard convention of charging for use of frameworks, GMCA will add a 1% service charge to all projects procured via the call-off framework
- Revenues accrued from this service charge will be used to cover the running of the framework, which is expected to be in the region of £100k/ annum, and future retendering of the framework in three years.
- Any additional revenues accrued from this fee will go into a project development funding pot that will be available to GMCA partners to support project feasibility and development activity.
- An illustration of what this could look like is outlined below:



Programme – key milestones

We are here

