

EPC in Aurskog-Høland municipality

- A part of a strategic emphasis on climate adaption

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Aurskog-Høland
kommune





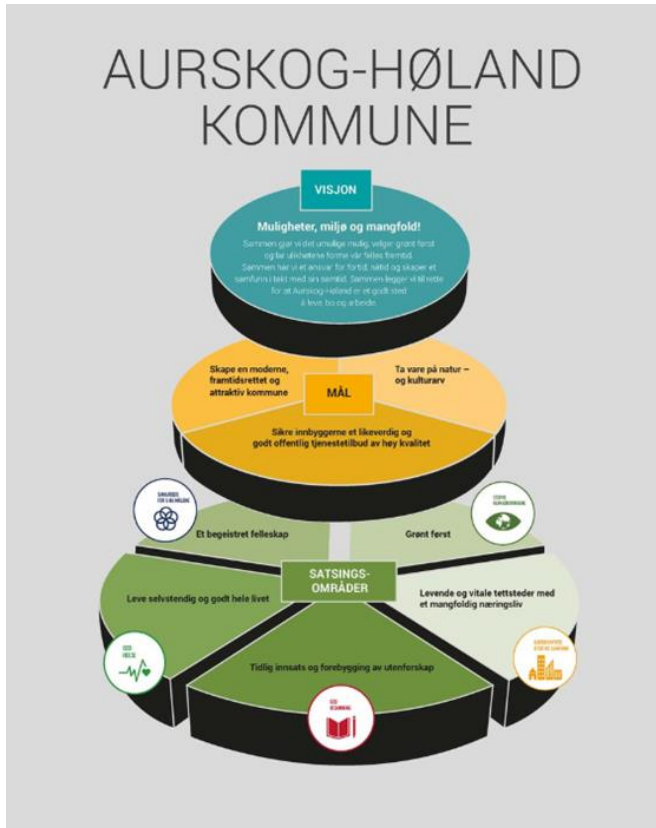
Ambitious climate targets

Municipal climate plan:

- Reduce climate gas emissions from own operations by 40% within 2030
- New municipal buildings must have at least 40% less emissions than corresponding standard buildings
- Energy consumption in older municipal buildings must be reduced by at least 30% by 2030



EPC in Climate Action Plan



«Investigate possibilities and then consider starting up a project for EPC (Energy Performance Contracting) applicable to municipal buildings.»

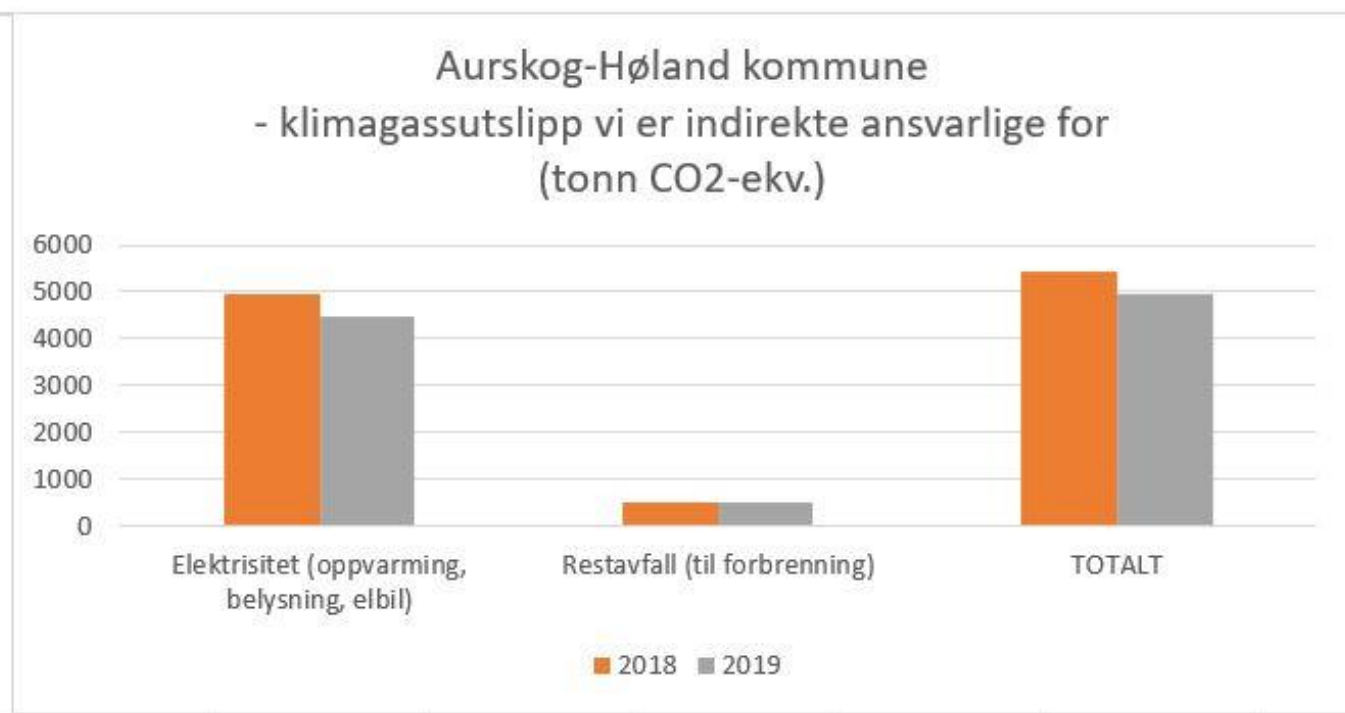
VERDIER

- **Åpnehet:** Lytte med oss oppgjør du klårbeholder og dialog. Alle får rett med respekt og anerkjennelse, og vi informerer, hørte oss lytt og svarer.
- **Tilke:** I Aurskog-Høland møter du innvandrere og profesjonelle ansatte, som tar samfunnsoppdraget på alvor. Vi kommuniserer årlig og åpenlig, følger opp og gjennomfører.
- **Samarbeid:** Vi er til stede for hverandre – for hverandre og for grane. Gjennom felles bered og samarbeid, forer vi oss og utvider tjenester som bidrar til selvsjølhet, verdighet og livskvalitet gjennom aktiv delaktighet. Sammen skaper vi nye verdier.

Why is EPC the solution?

Direct Consumption

Indirect Consumption



Starting up an EPC project

- Acquire knowledge of EPC and various implementation models
 - What is best suited to reach AHKs main goals?
 - Traditional and new implementation model for EPC
 - Partnership contract in phase 1 – analyses
 - Adapted award criteria and other new improvements
 - Anchor the project in own organisation
- Seminars and meetings (WSP + E4B)
- Guidelines and templates (not “from scratch”)
- Get assistance from experts
 - Contract an EPC facilitator for assistance in all phases



Contract based partnership in Phase 1 - analyses

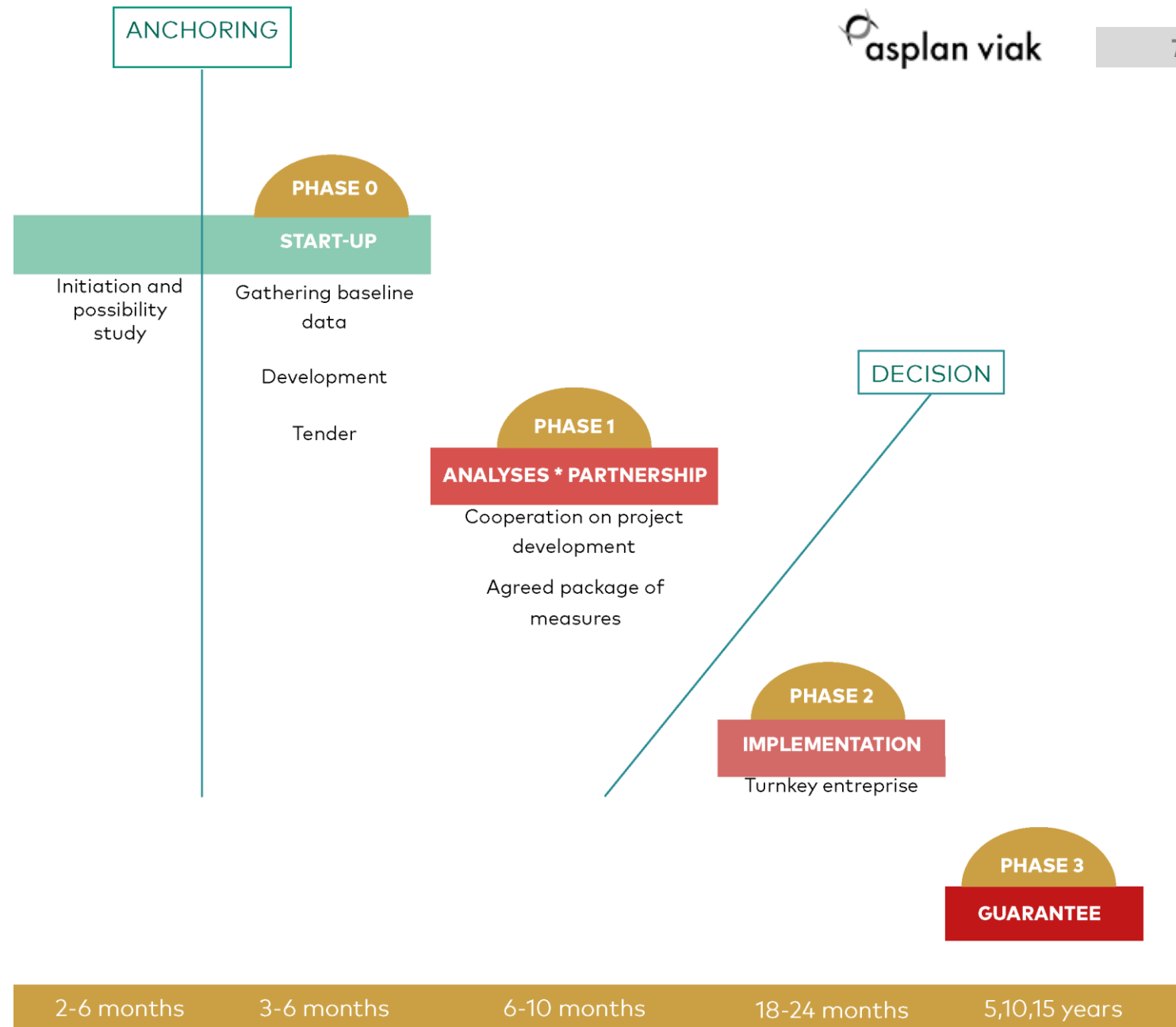


FIGURE: AN EPC PROJECT WITH A CONTRACTUAL PARTNERSHIP IN PHASE 1.

EPC in AHK – key figures

60 000 m²

30 buildings

10-12 GWh energy use

20-30 MNOK (2-3 MEUR) investment

Contract based partnership in phase 1

Tender EPC facilitator	June 2020
Tender EPC supplier	February 2021
Phase 1	Autumn 2021
Phase 2	Spring 2022



Mapping interest among ESCOs

- 8 EPC suppliers interviewed
- 2-3 active and expressing **interested** (Advansia, AF EMT, Caverion)
- 1 new supplier, positive and expressing interest (Hent)
- 4 former suppliers not interested in new projects in public sector (Omexom, GK, Siemens, Schneider)

➤ Presenting AHK project and new implementation model

- Clear shift in interest among all ESCOs!
- Very positivity to new model
- 3 **confirmed they would deliver a bid**
- 2 said they would **most likely** deliver a bid
- The rest would follow the tender process + consider delivering a bid

EPC = Tripple Win

1. **Good for the climate**
2. **Good for the economy**
3. **Good for operations and maintenance**



Thank you for listening!

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