Framing The Approach...

**WHAT ARE INVENTORIES AND PROJECTIONS?**

An emissions inventory is a snapshot reference of annual emissions associated with community-wide activities. **Emission inventories are a critical component of the CAP update process and will be used to establish reduction targets/goals and monitor emissions over time.**

Inventories are based on activities that a city has control over taking place within its boundaries. Emissions originate from a variety of sources, all of which are documented, quantified, and analyzed within an inventory. A typical inventory for a local agency captures emissions from transportation, electricity, natural gas, water, wastewater, and solid waste activities. Emissions are calculated in metric tons of carbon dioxide equivalent (MT CO₂e). Data and estimates from different organizations (e.g., SANDAG, SDG&E, local jurisdiction departments) are needed to complete an inventory. Inventories are developed based on the best available data and methods.

**FRAME EMISION REDUCTION CRITERIA**

The California Air Resources Board’s (CARB’s) guidance on target-setting for CAPs preserves local discretion in selecting reduction targets, yet offers recommended approaches for aligning local targets with the statewide goals. Future year targets (benchmarked to 2030, 2035, or 2050) should be based on the following accepted methods:

- Use the best science.
- Evaluate locally-appropriate emissions reduction goals.
- Show a downward-trending GHG emissions trajectory.

**While there are similarities from city to city in the scope of content of local CAPs, the reduction measures and strategies within each CAP should be uniquely crafted and based on local needs and conditions.**

### Escondido’s revised baseline inventory is set at year 2014. The GHG baseline inventory and forecasts for 2030, 2035, and 2050 provide benchmarks against which we can set goals - and then measure future progress.