

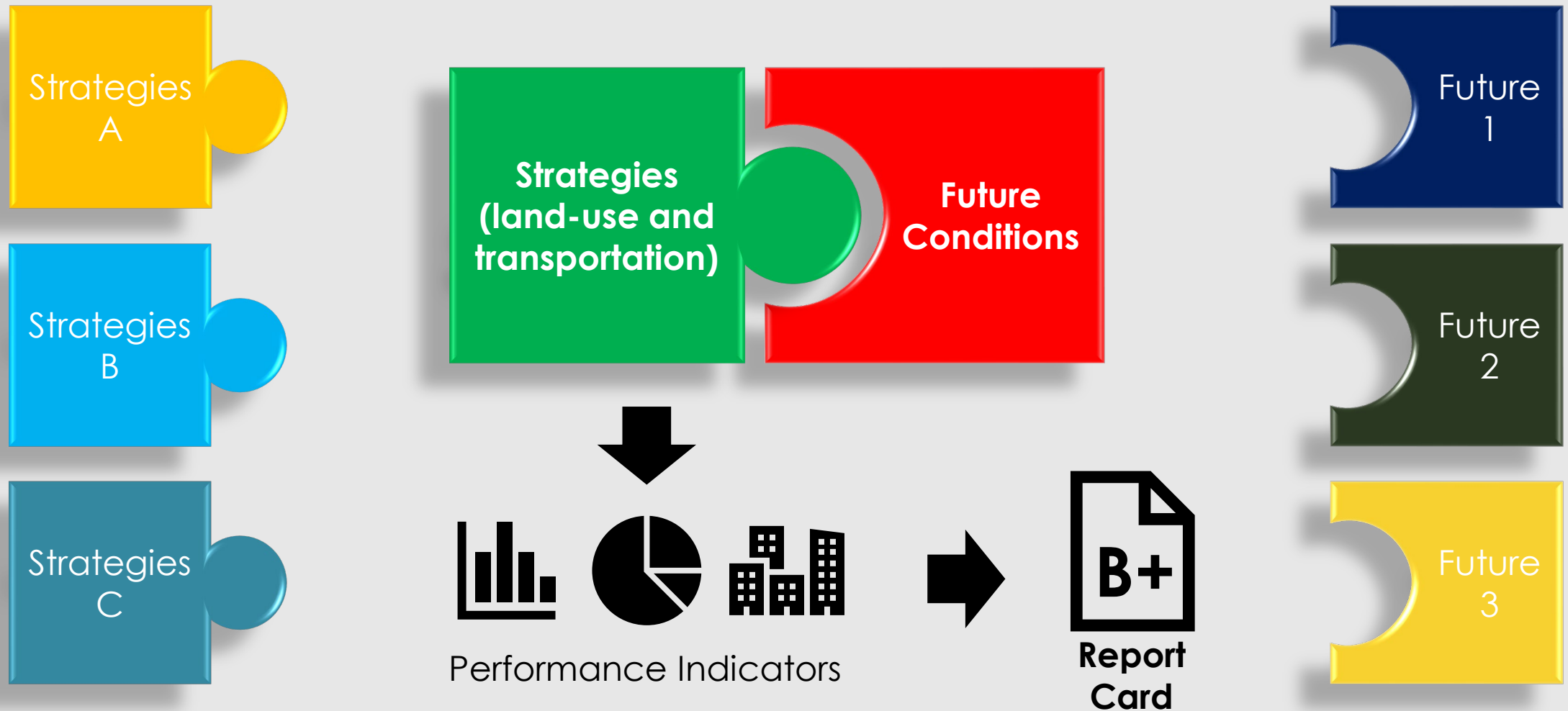


FRESNO FUTURES

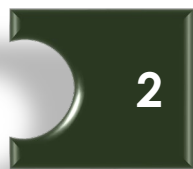
Part 2

Fresno COG 2022 RTP/SCS

How Scenarios are Built



----- Futures -----



Scenario A






Scenario A₁ Scenario A₂ Scenario A₃

Scenario B






Scenario B₁ Scenario B₂ Scenario B₃

Scenario C






Scenario C₁ Scenario C₂ Scenario C₃

Assessing Scenario Performance

The **best** strategies are those that show **resiliency** across multiple possible futures.



Fresno Futures Focus Group

Fresno COG hosted a Fresno Futures workshop where stakeholders split into focus groups to discuss three proposed futures.

Each focus group brainstormed potential impacts of each Future, as well as possible strategies to mitigate those impacts.



Proposed Futures

Following are three Futures proposed by COG and developed by the stakeholders at the workshop.



Health Impacts: less active transportation, more air-quality-related conditions, more years of life lost



Energy Impacts: more strain on power grid, higher energy costs



Natural Resources: depressed growth in agriculture sector, possible flooding



Demographics: depressed population and employment growth



Transportation Impacts: more road maintenance required (pavement melting, etc.)



Economic Impacts: increased insurance rates, higher housing cost burden

Future 1: Extreme Climate

Defining Characteristics:

- Extreme heat
- Drought
- Bad air quality



Health Impacts:
possible innovation in
health sector means
people live longer



Energy Impacts: more
telecommuting means
higher peak-low
energy usage



Natural Resources:
higher demand for
water and other
resources



Demographics:
possible displacement
outside the County,
higher median age



**Transportation
Impacts:** advent of
automated vehicles
leading to more SOV,
more EV, possible
decrease in
congestion



Economic Impacts:
possible decline in
low-wage jobs, more
office jobs, more
telecommuting

Future 2: High-Tech Innovation

Defining Characteristics:

- More automation in transportation
- Economic prosperity, especially in the information sector



Health Impacts: possible mode shift away from SOV may lead to more active transportation



Energy Impacts: increased costs, possibly more solar energy as farmland is repurposed



Natural Resources: water shortages due to heavy regulation, depressed growth in agriculture



Demographics: increased housing cost, larger share of group quarters population, less overall growth



Transportation Impacts: potential diversion of transportation leading to a smaller constrained project list

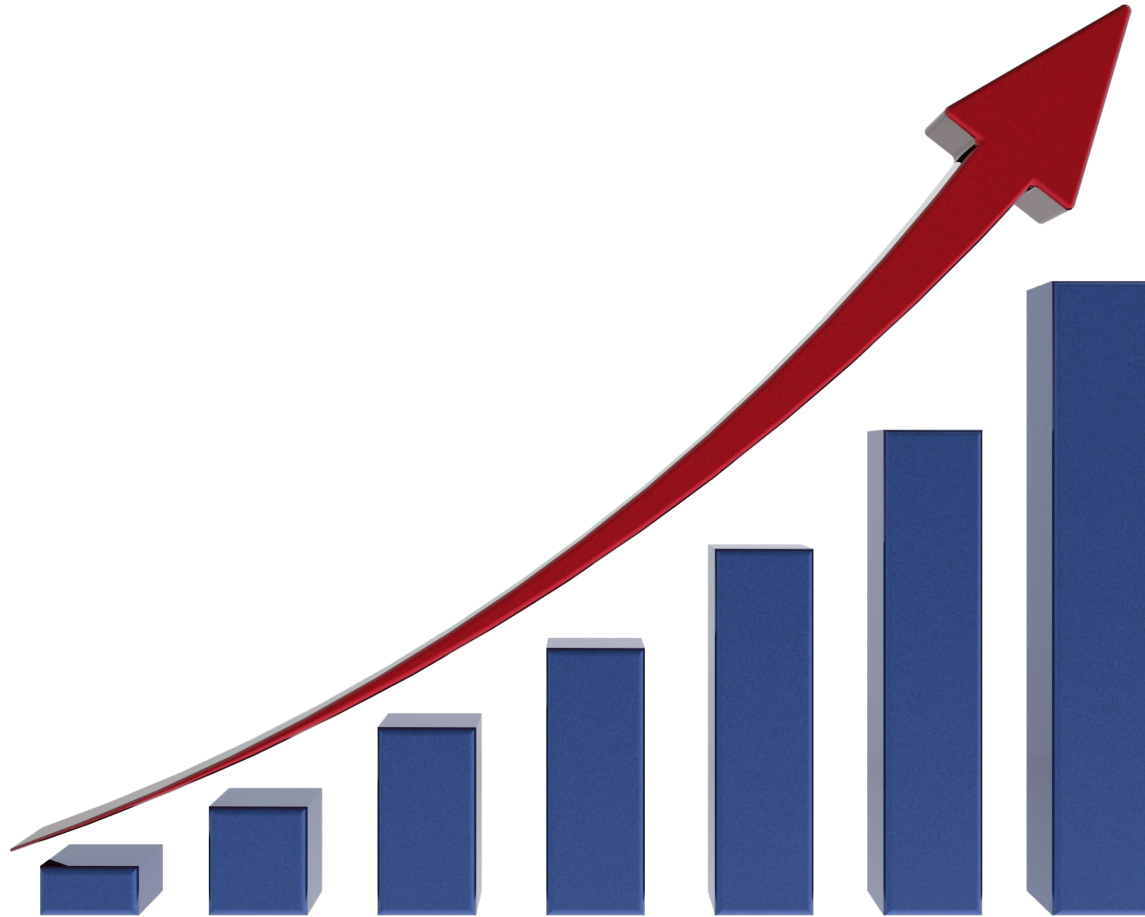


Economic Impacts: stagnation (especially in rural communities), decreased tax base, job loss

Future 3: Regulatory Challenges

Defining Characteristics:

- Water shortages from SGMA
- Increased transportation regulations from SAFE rule, SB 743, etc.
- State and Federal funding diverted from transportation



[This Photo](#) by Unknown Author is licensed under [CC BY-NC](#)

Additional Base Future

Defining Characteristics:

- Consistent with updated demographic forecast
- Represents the most accurate and reasonable projection for future conditions in Fresno County
- Will form the basis for preferred scenario and RHNA analysis



Questions?

Seth Scott

Fresno COG

sscott@fresnocog.org

559.724.9213