

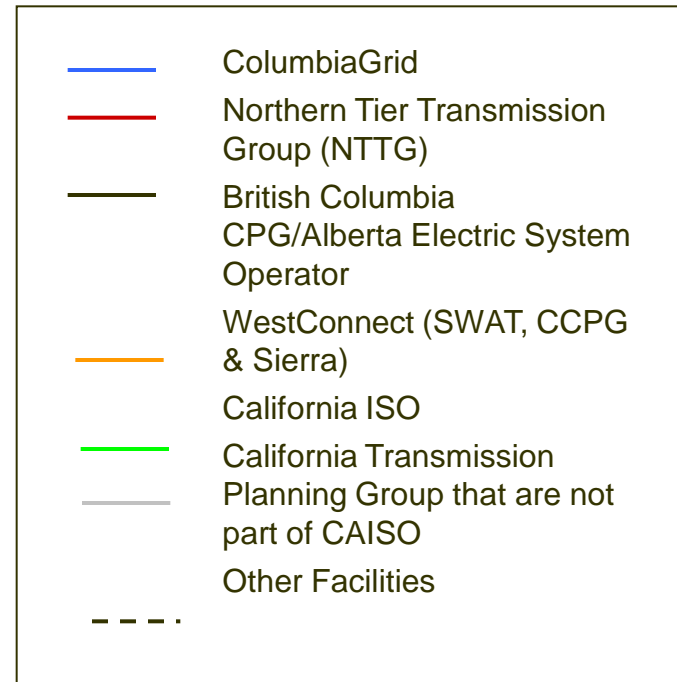
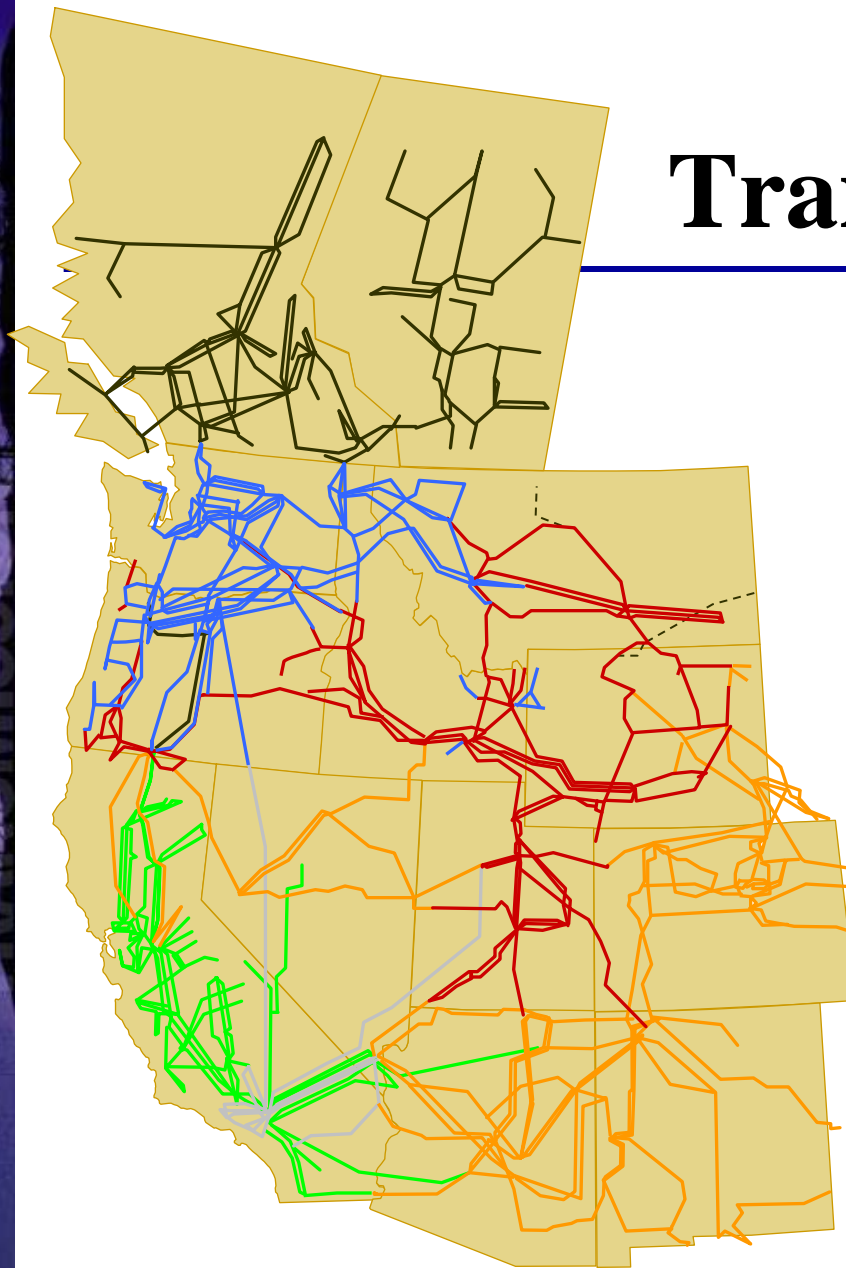
WestConnect Transmission Planning

**Bob Easton
Joint Meeting**

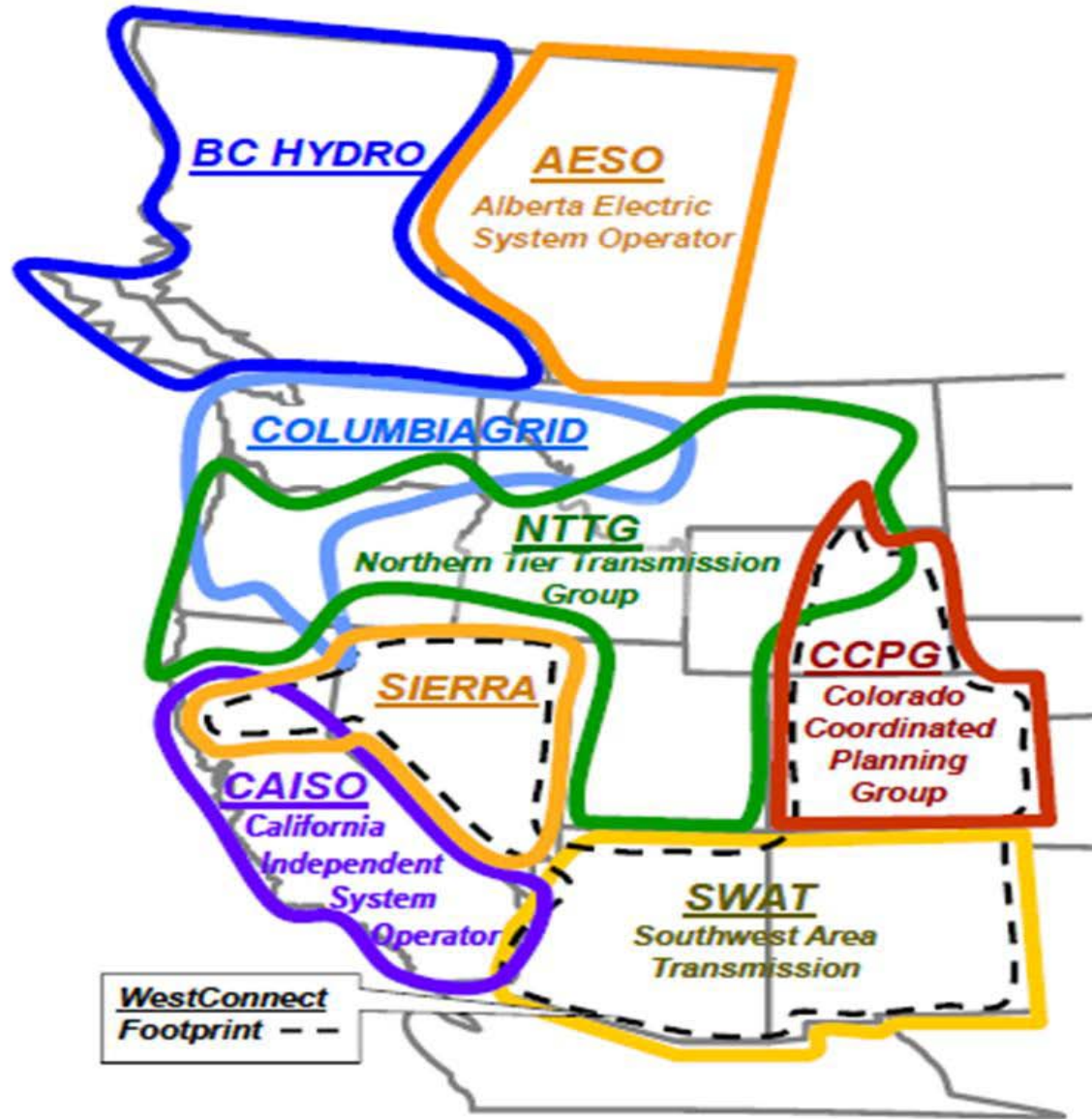
August 17, 2011

SPG Transmission Systems

WECC Subregional Planning Groups Major Transmission Facilities



Western Interconnection SPGs



Parties to WestConnect STP Project Agreement

- **Arizona Public Service Company**
- **Basin Electric Power Cooperative**
- **Black Hills Corporation**
- **El Paso Electric Company**
- **Imperial Irrigation District**
- **Public Service Company of CO**
- **Public Service Company of NM**
- **Sacramento Municipal Utility District**
- **Salt River Project**
- **NV Energy**
- **Southwest Transmission Cooperative**
- **Transmission Agency of Northern California**
- **Tri-State Generation & Transmission, Assoc.**
- **Tucson Electric Power Company**
- **Western Area Power Administration**

WestConnect STP Project Agreement

WestConnect Planning Project Agreement

- Establishes the PMC – One Representative per Party
- Voting Requirements for Annual Scope of Work/Budget/Agent Contracts/Chair /Termination = 80% of all PMC Members need to Vote Affirmative; other Votes – once 50% Quorum is Established – then 80% of those Present
- Membership – TPs in the WestConnect Footprint/Open Meetings
- Costs – Pro-Rate Share base on number of Parties + Proportionate Share based on Annual Net Energy to Load

WestConnect STP Project Agreement

Objectives and Procedures for Regional Transmission Planning Provides for:

**Promote Coordination; Provide Resources and Funding;
Promote Transparency; Footprint-wide Annual Plan;
Coordinate w/TEPPC**

Consultant to Provide:

- **Project Management**
- **Technical Writing**
- **Transmission Planning**
- **Secretarial/Communication**

General SCOPE of Work

Assist the three SPGs in Planning, Managing and Coordinating their Meetings

Support SPGs as a Liaison between the SPGs and the WestConnect PMC; TEPPC and the TEPPC TAS

Prepare Annual Work Plan

Support Planning Process

Support Communication between all WECC SPGs

General SCOPE of Work

Prepare Annual Transmission Plan Report

- Attend SPG meetings**
- Develop draft Work Group Planning Reports**

Coordinate Updating of the TPM database

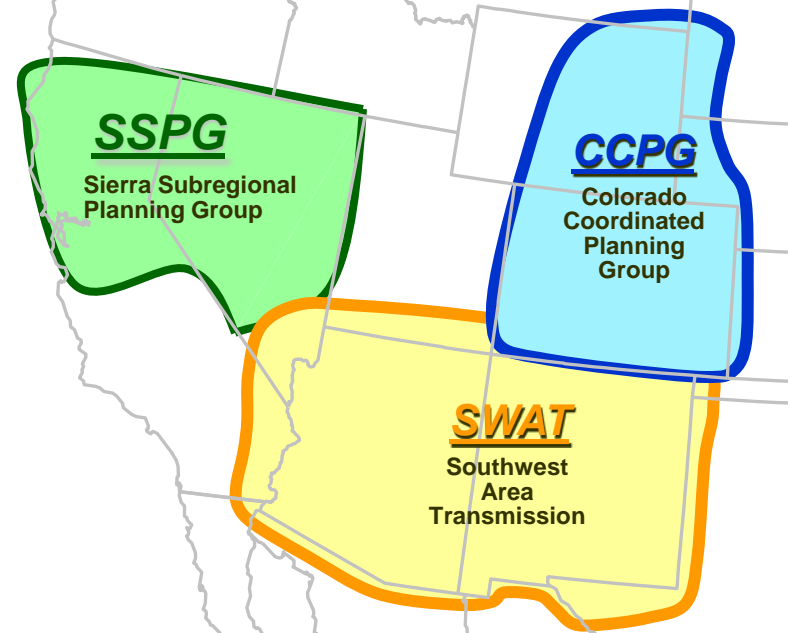
Update the Google-based Mapping

Monthly Conference Calls

WestConnect Subregional Planning Groups

CCPG, SSPG and SWAT are technical planning work groups within the WestConnect Footprint

- Coordinate Information for use by all study participants
- Define Sub-Regional study plans, provide study resources, and perform studies (if desired).
- Provide forum for coordination and peer review of planning studies and 10-year plans



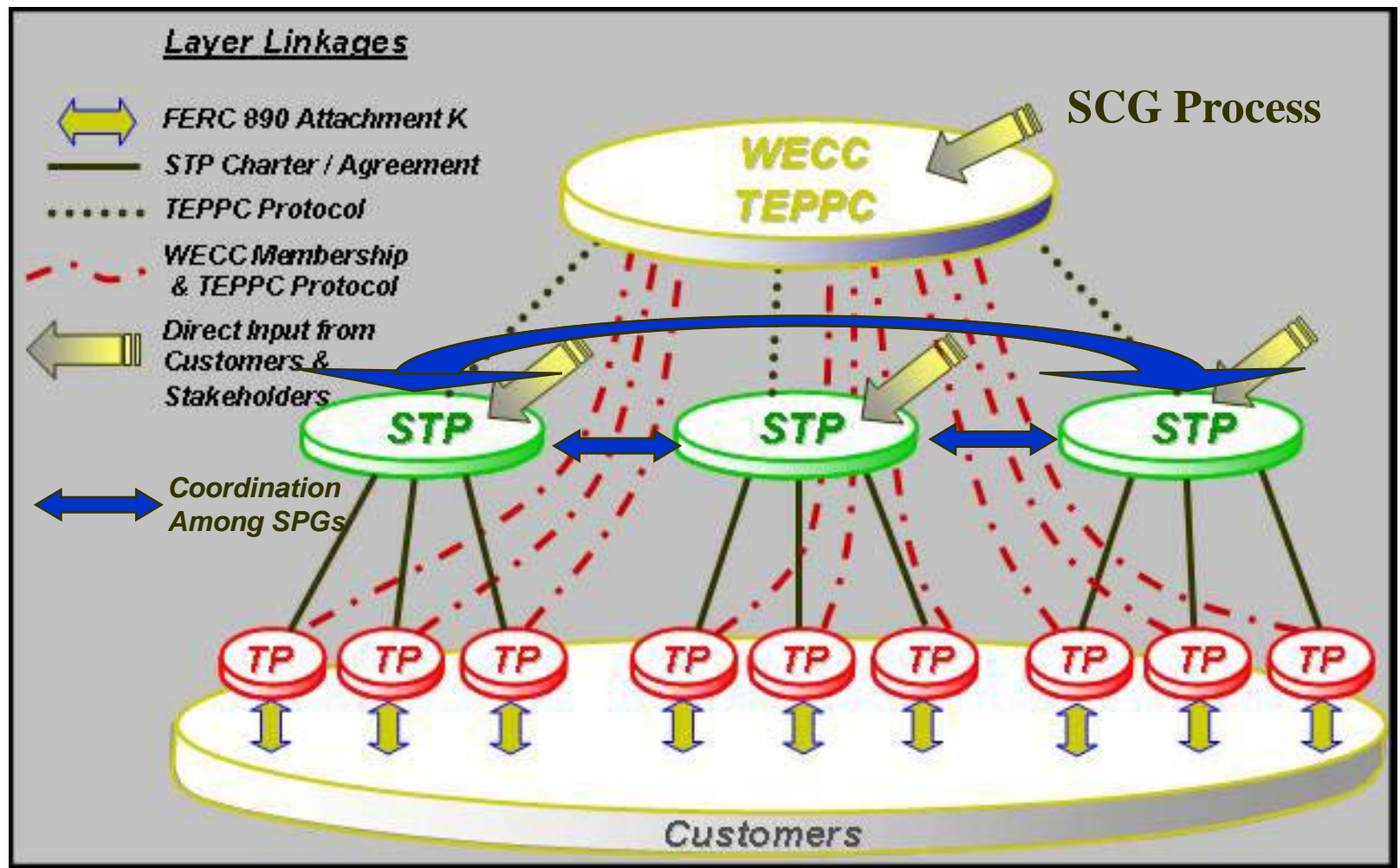
2011 SCOPE of Work

- **PMC Consultant - MAPPCOR**
- **Manage Annual Planning Process**
- **Update the 10-Yr Planning Documents**
- **Coordinate Annual TTC/ATC Workshop**
- **Participate in WECC TEPPC**

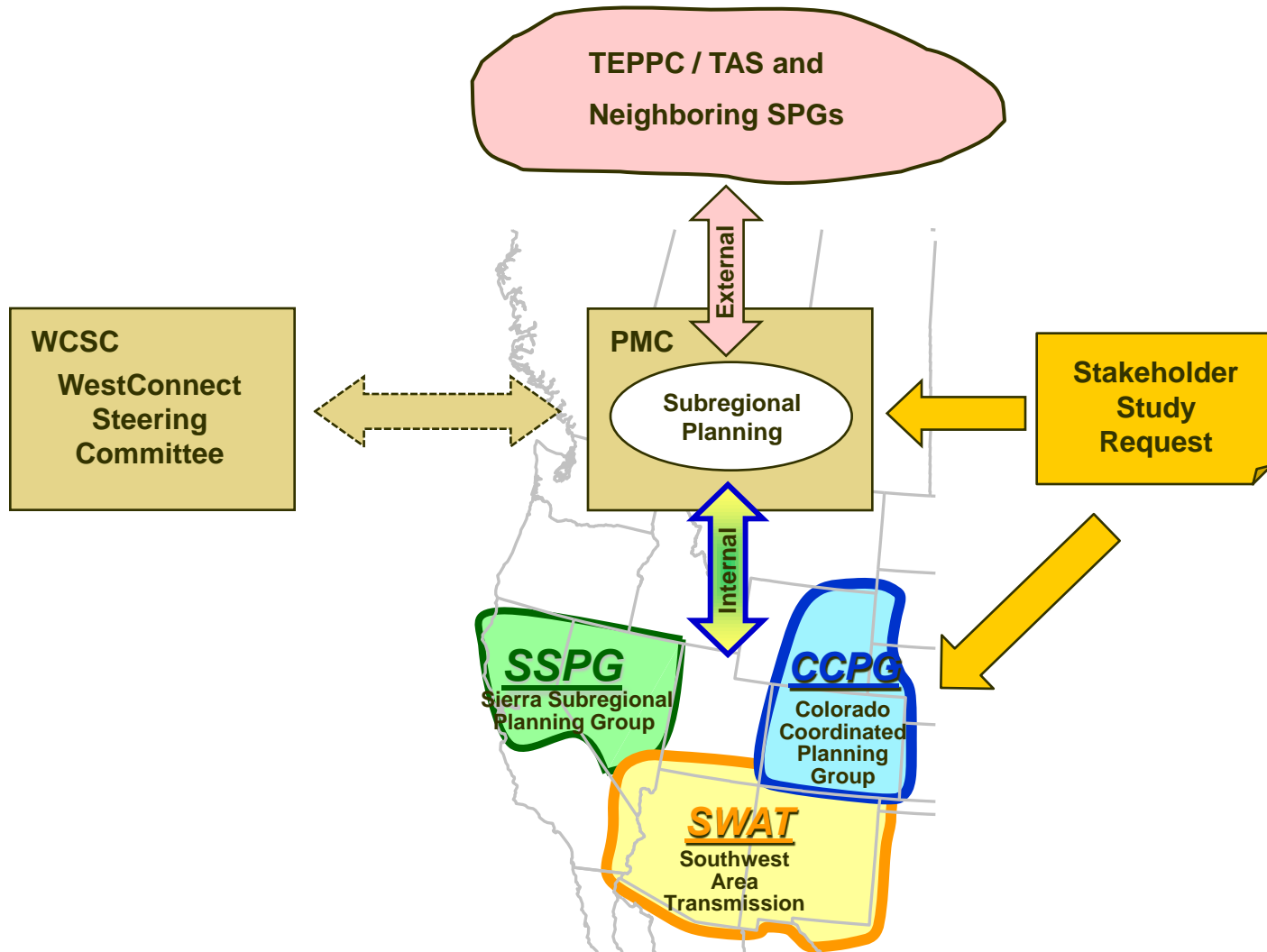
2011 SCOPE of Work

- **Coordinate 10-yr WestConnect Footprint Base Case – OPTIONAL**
- **Coordinate with SCG (Result of DOE FOA)**
- **Attend CCPG/SWAT/SSPG Joint Meeting**
- **Maintain TPM Database and Google-Mapping**

Western Interconnection Planning Process

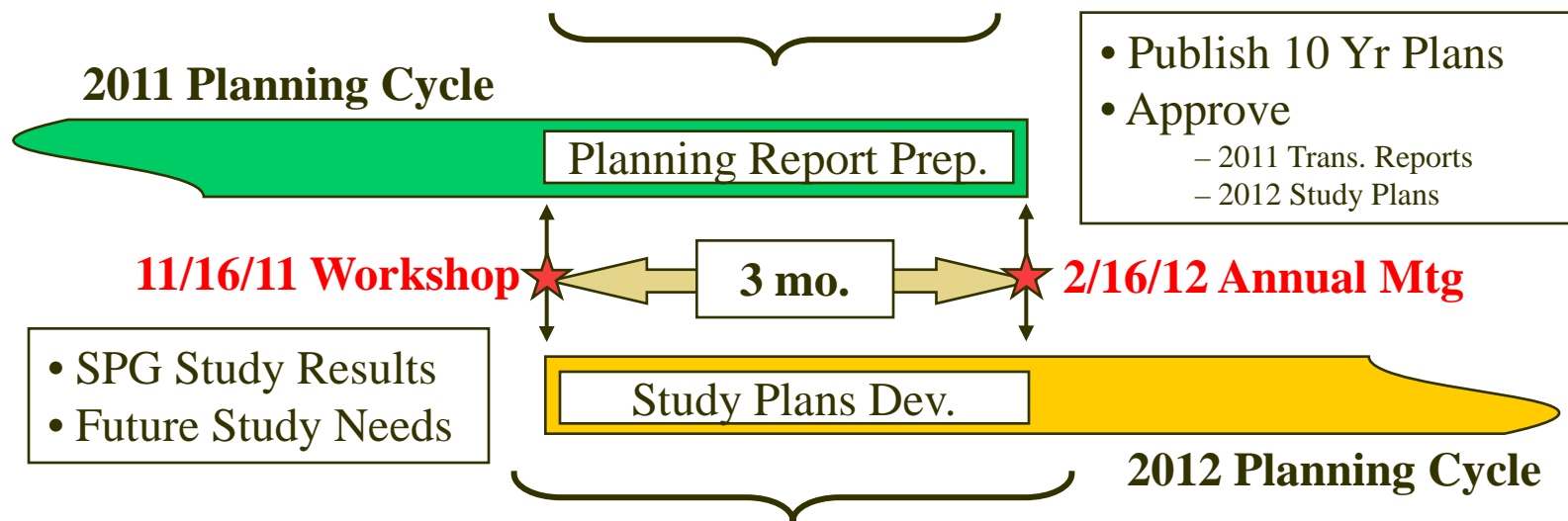


Planning Coordination



WestConnect Synchronized Planning Cycle

TEPPC Economic Study Results For WestConnect Footprint



WestConnect Economic Study Request of TEPPC

Continue coordination / collaboration with
Subregional Planning Coordination Group (SCG)