

# San Juan LIO 2015 planning

## Using Conceptual Models and Results Chains to Develop Near-term Actions

May 13, 2015

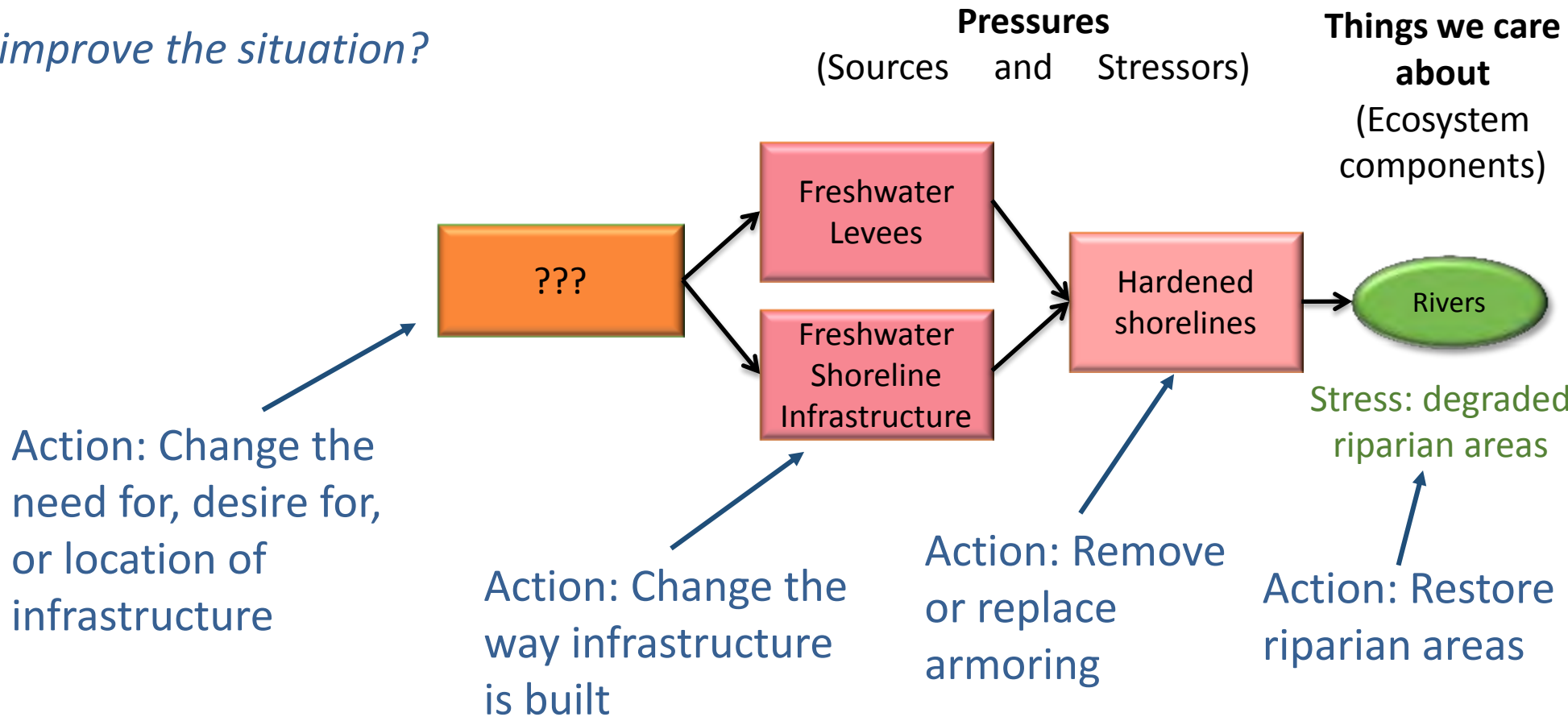
# Results Chains – *What are they and how can we use them?*

- The elements of a results chain (or a pathway of effect describing our assumptions about how we get from now to ecosystem recovery)
- Relationship of substrategies, NTAs and ongoing programs to the results chain
- Identification of performance measures (i.e. goals, objectives and indicators) to monitor progress along the recovery pathway
- Work through development and revision of a conceptual model and a results chain

# Conceptual Models: *Capture Current Context*

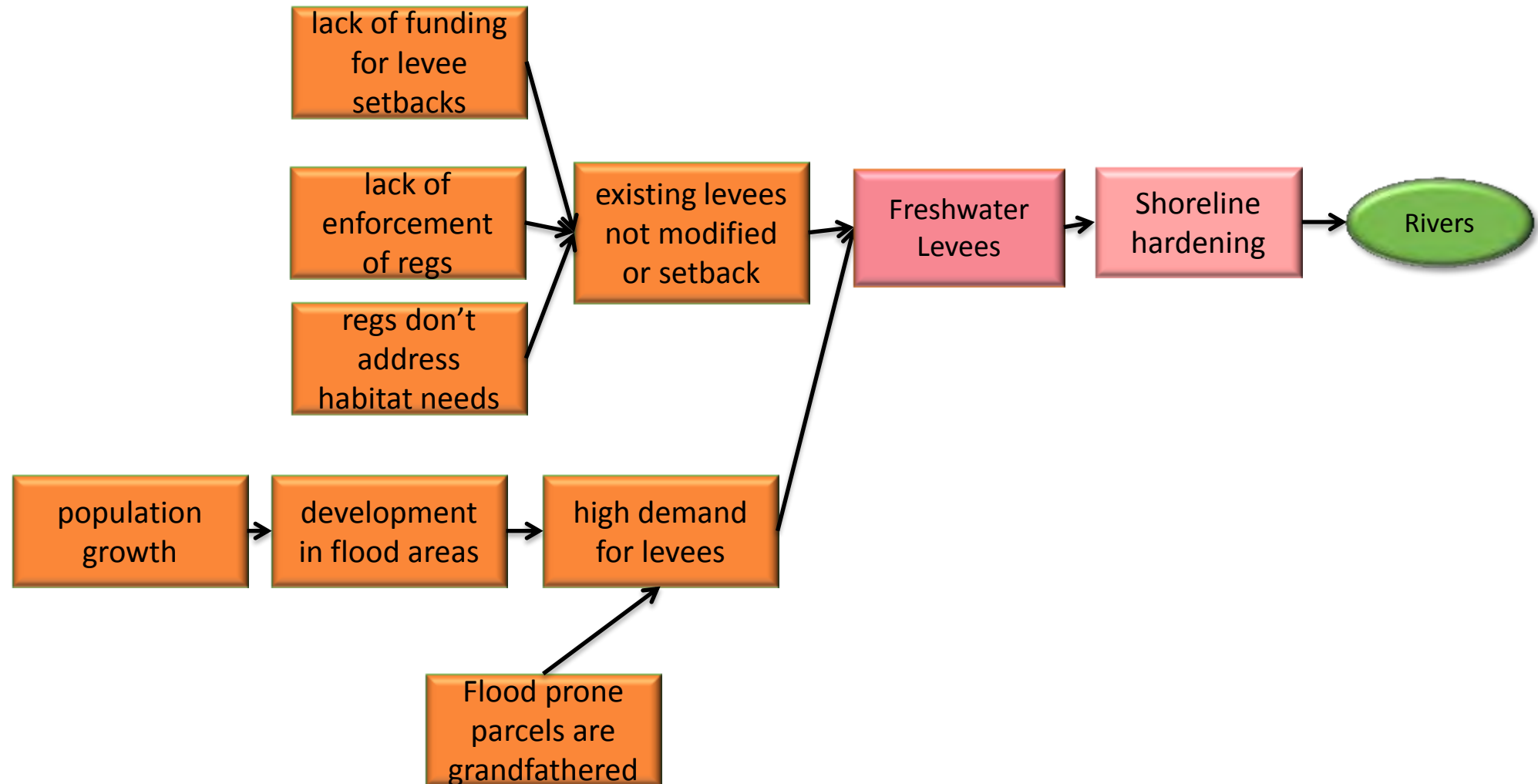
*What is contributing to the presence & persistence of pressures and degraded ecosystem conditions?*

Ultimately answer:  
*Where can we act to improve the situation?*

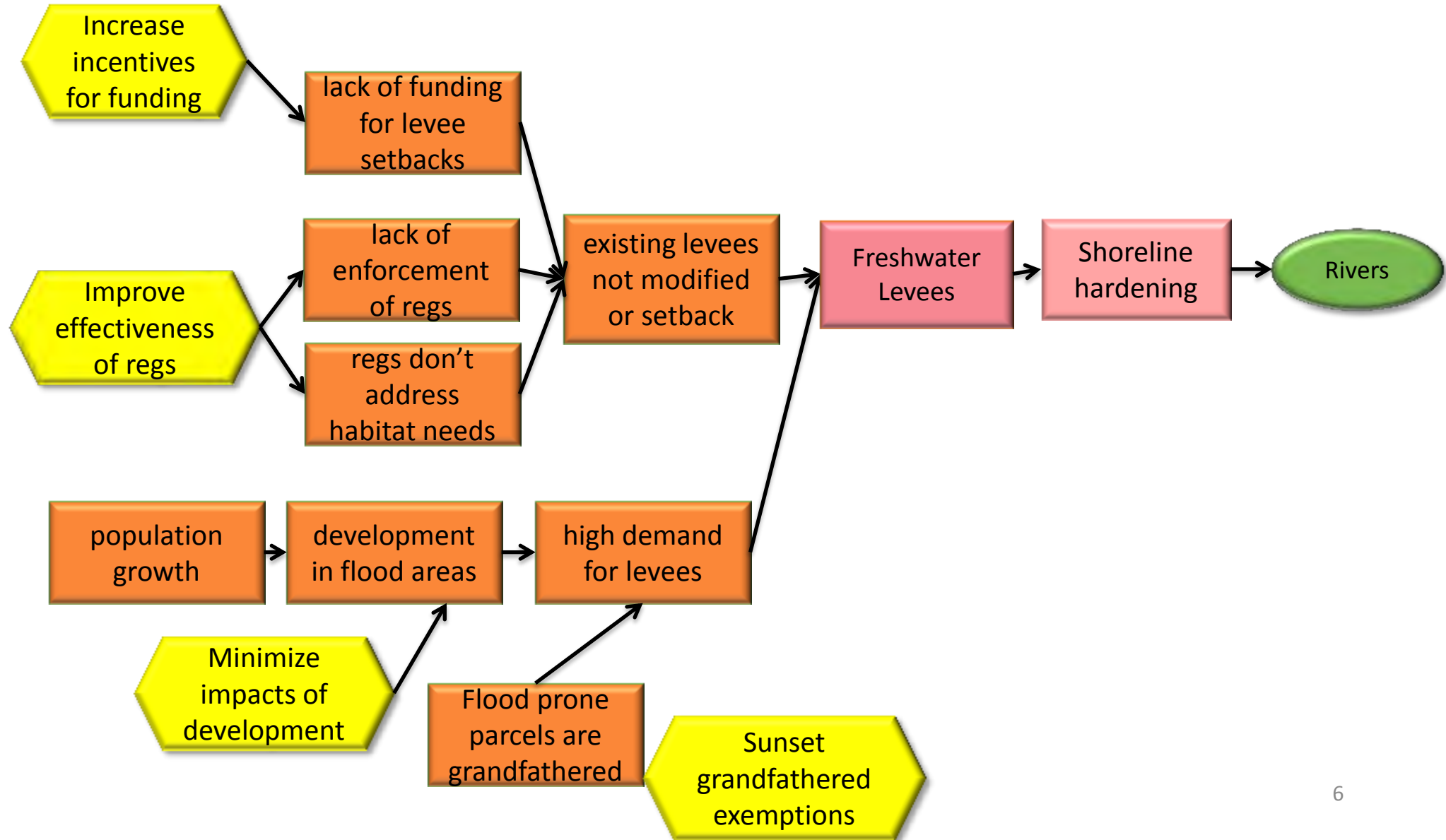


# Conceptual Models: *Capture Current Context*

*What is contributing to the presence & persistence of pressures and degraded ecosystem conditions?*

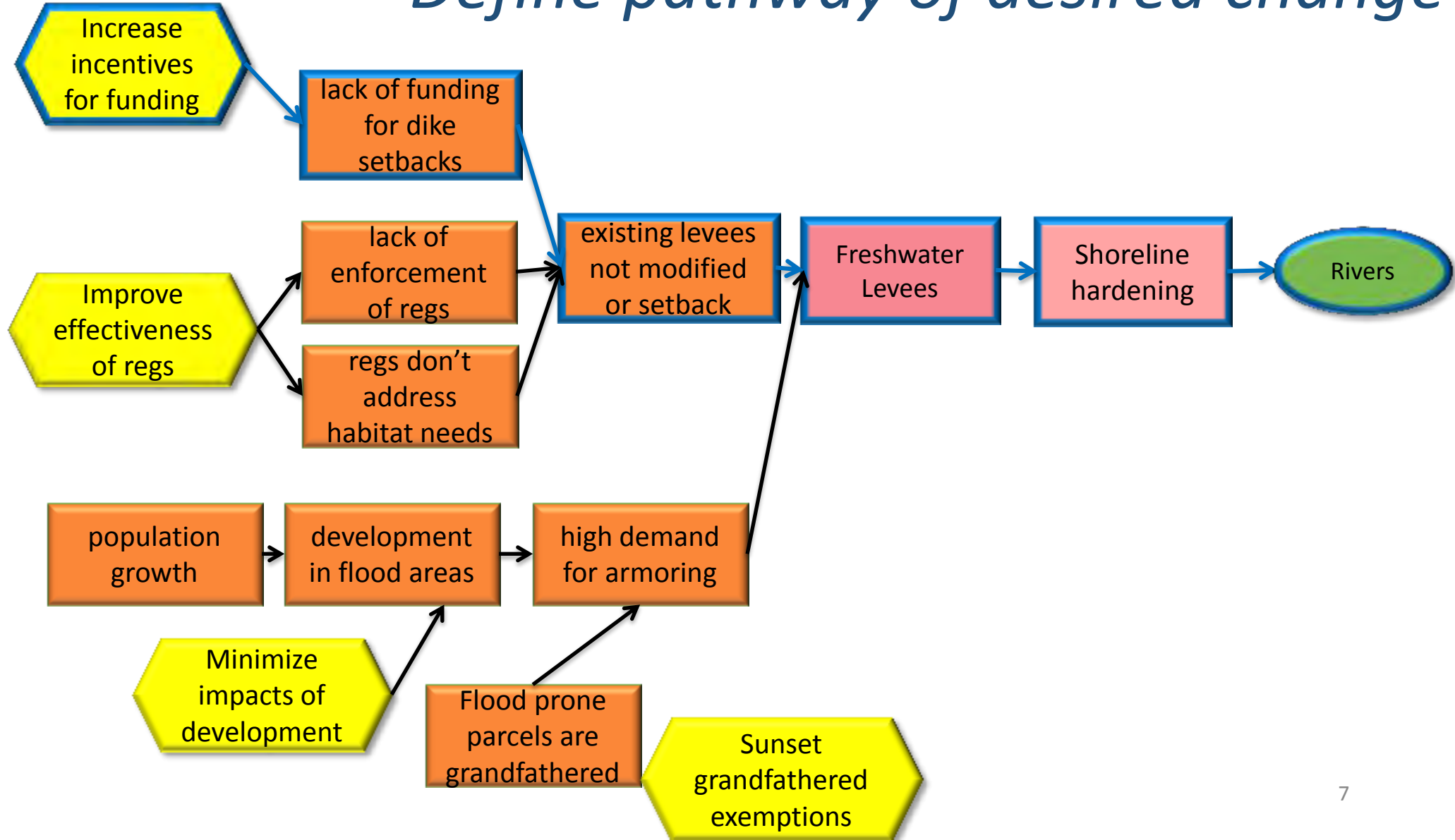


# Strategies: *Where are intervention points?*



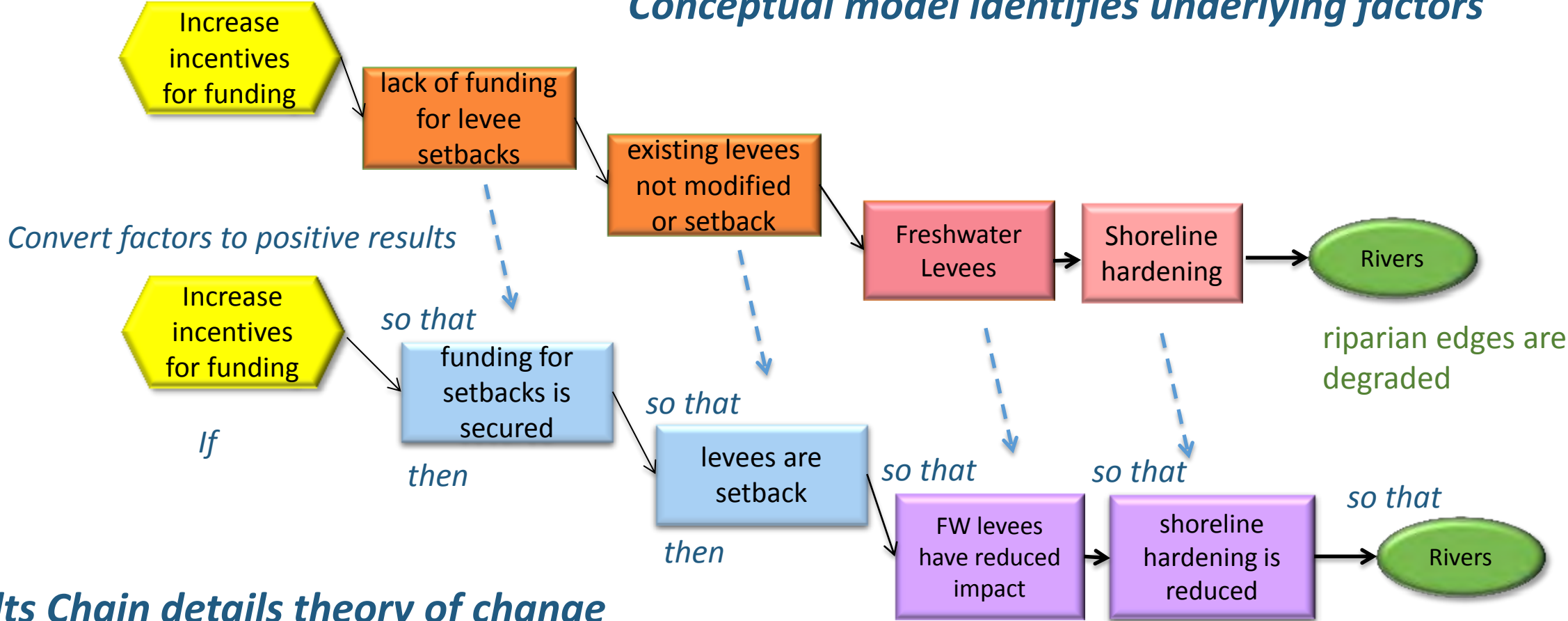
# Isolate Pathway of Effect →

*Define pathway of desired change*



# Conceptual Model → Results Chains

*Conceptual model identifies underlying factors*



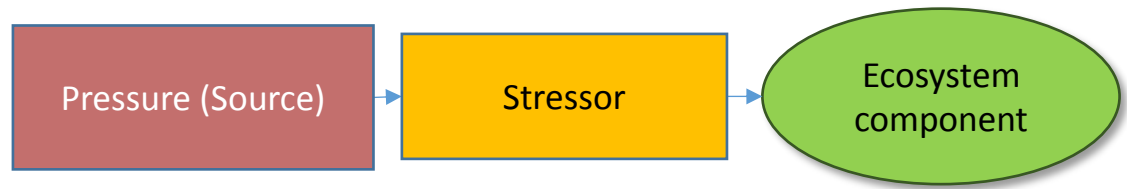
## **Results Chain details theory of change**

*(assumptions about effect of implementing strategies and actions)*

Should be read as an “if-then” or “so that” statement

# San Juan LIO – Practice Conceptual Model

factors





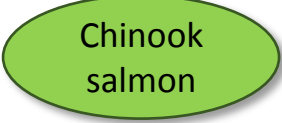
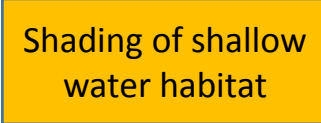
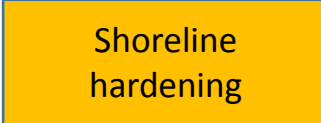
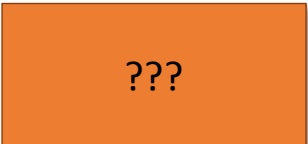
# San Juan LIO – Practice Conceptual Model

Sources of pressure

Stressors

Ecosystem Components

Contributing factors  
*Root causes, indirect threats, underlying factors, opportunities, barriers*



# San Juan LIO – Practice Conceptual Model

Sources of pressure

Stressors

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*Root causes, indirect threats, underlying factors, opportunities, barriers*

???

Housing & Urban Areas

Tourism & Recreation Areas

Roads ( including culverts)

Utility & Service Lines

Marine Shoreline Infrastructure

Conversion of landcover...

Shoreline hardening

Shading of shallow water habitat

Shellfish

Forage fish

Chinook salmon

Eelgrass

## Review San Juan Pressures Diagram