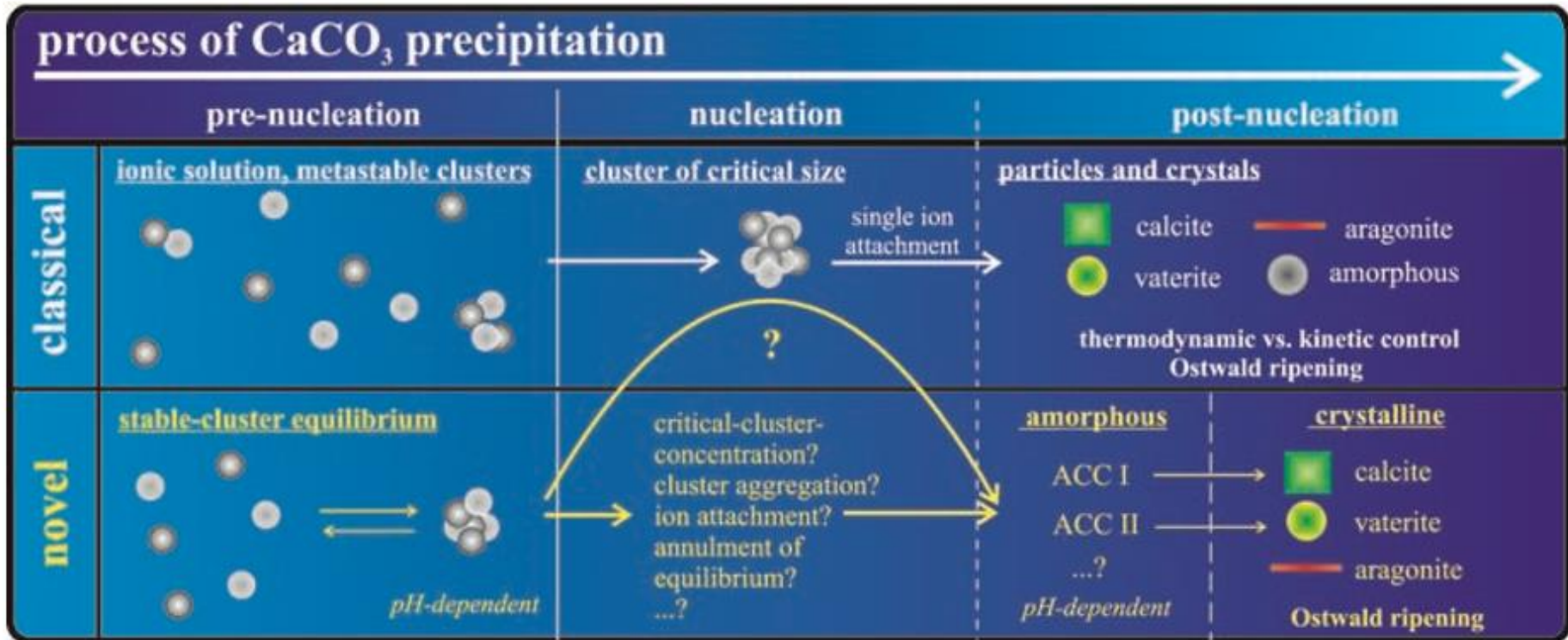


# Template Assisted Crystallization

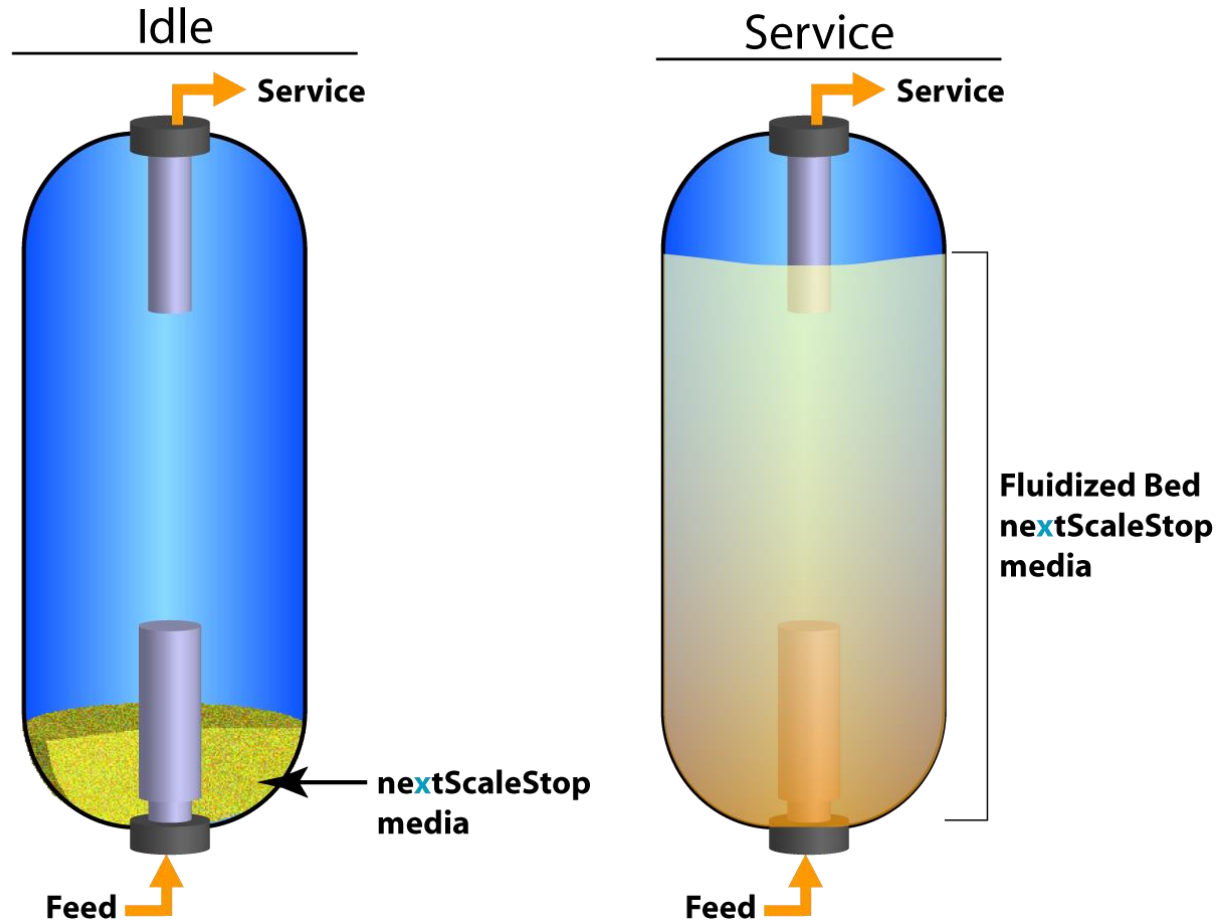


A No Salt, No Chemical, Non-  
Backwashing, Zero-Discharge  
Alternative to Softening

# Dense Liquid Phase to valerite to pre-nucleation clusters



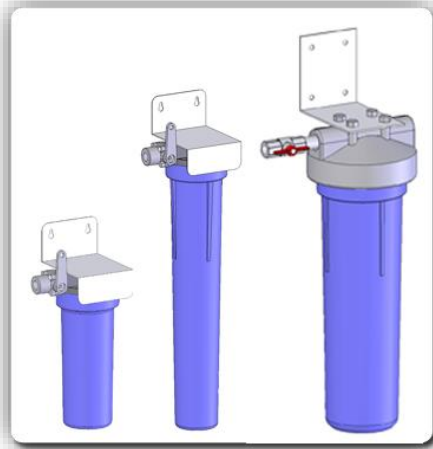
# nextScaleStop System Cutaway



# next-ScaleStop Advantages

- Consistent scale control performance
  - No salt or chemicals required
- Residential and commercial applications
  - Economical and efficient
    - Maintenance free
  - Retains “Beneficial Minerals”
    - No discharge
    - Compact

# Cartridge Type POU Systems

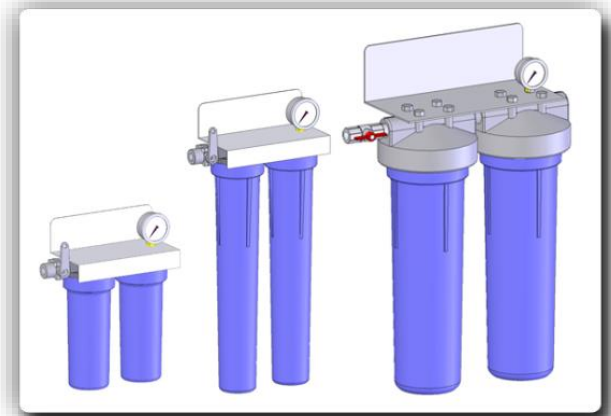


## ScaleStop Only

(1, 2 & 4 GPM systems 4-16 l/m)

## ScaleStop and Carbon Systems

(1, 2 & 4 GPM systems 4-16 l/m)



# Reverse Osmosis

Pretreatment, El Cajon, CA

Background	
Location	El Cajon, California
Hardness/TDS	15 grain / 485 mg/l
LSI/Stiff Davis	.33 / .66
RO Config	6 - 4040 elements - 45% recovery Model # RO10800G-FL
Equip. History	Installed May 2006. Produces 5000 gallons of permeate per day - 18.9M <sup>3</sup>
ScaleStop Technology Data, Dec 2006	
Permeate TDS	6 ppm, (98.7 % rejection)
Permeate Flow	6 gpm 23l/m unchanged from start-up



# The “Green” Solution



- **Economical**
- **No salt or chemicals**
- **No Energy usage**
- **No Discharge**
- **Virtually No Maintenance**
- **Compact**