

2022 Fall Conference

Hyatt Regency-Indian Wells, CA November 29<sup>th</sup>, 2022

# **Corporate Water Stewardship:**

How Companies are Addressing Water Risk

Presented by: Eddie Corwin, Sustainability Partner, Real Estate & Workplace Services, Google

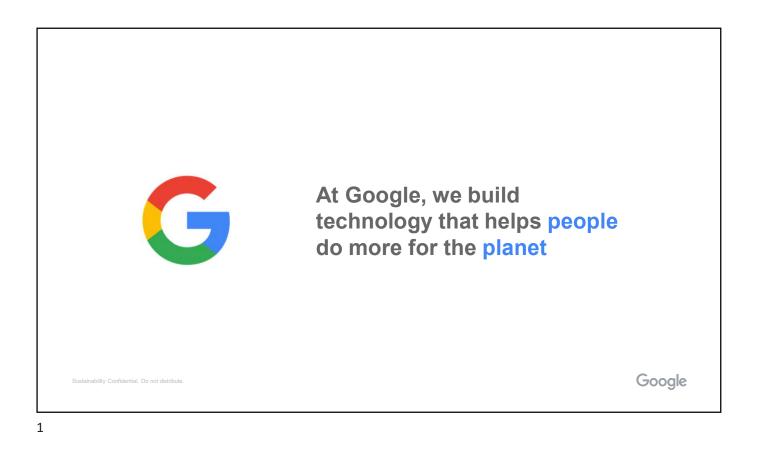


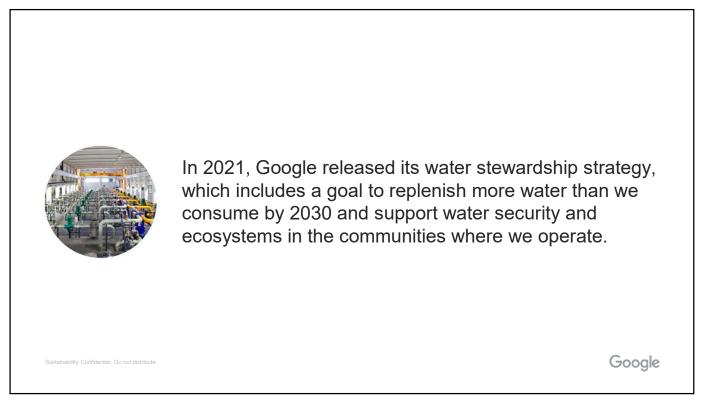
Google

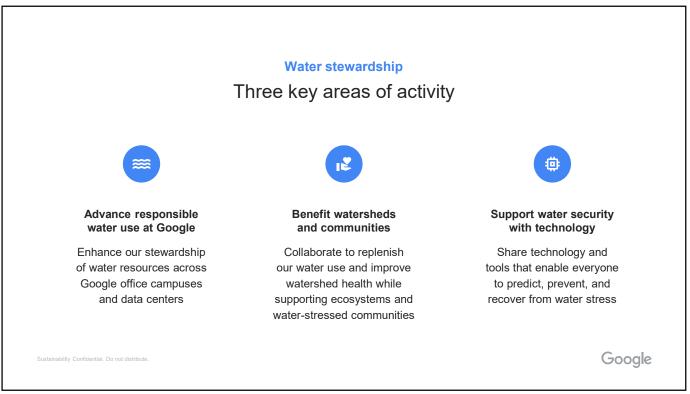
# Water Stewardship

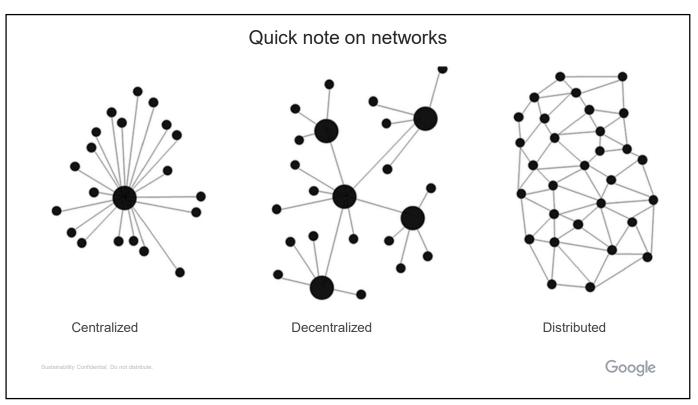
Eddie Corwin, November, 2022

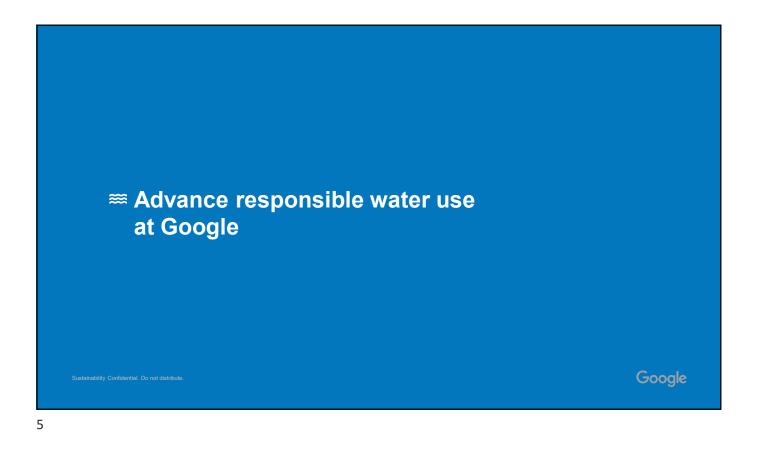
A view of our planet from Google Earth ©2020 Landsat/Coper

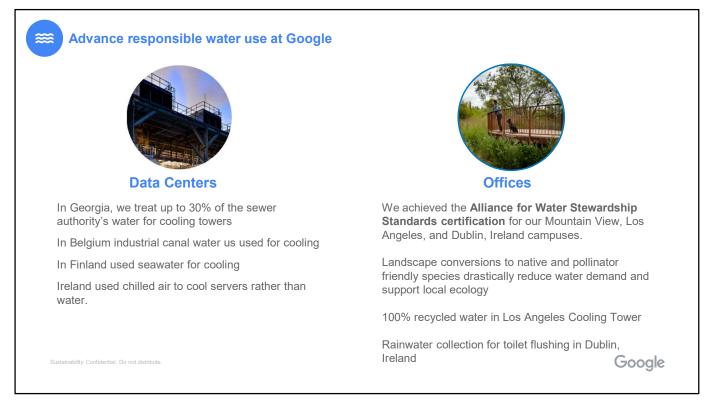


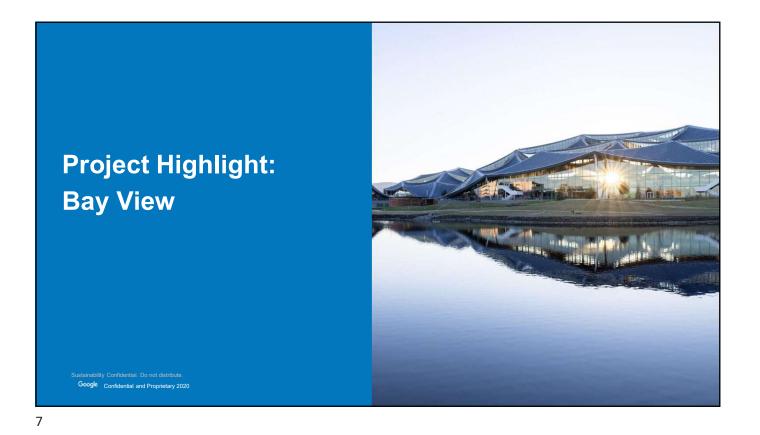


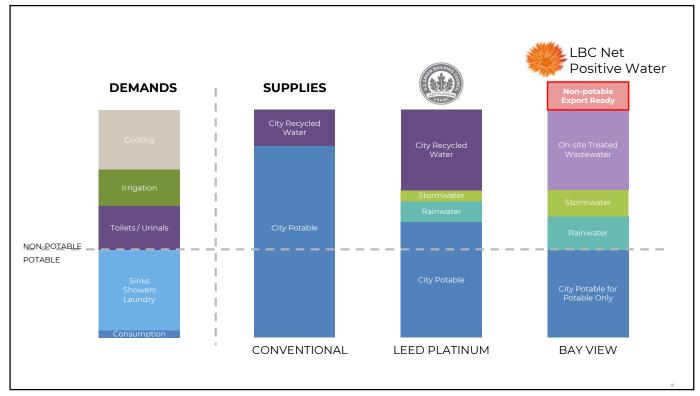




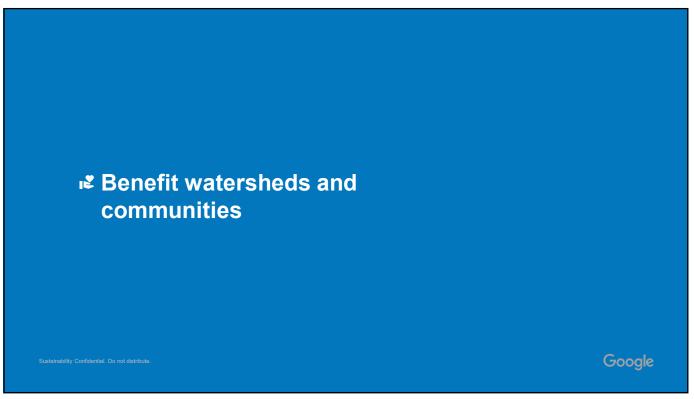


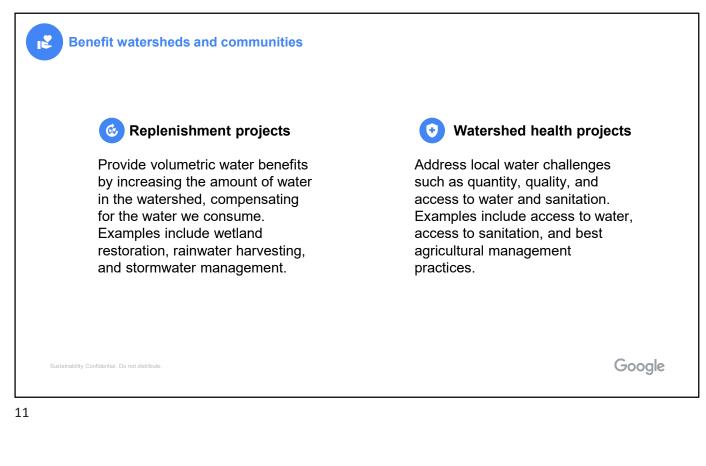








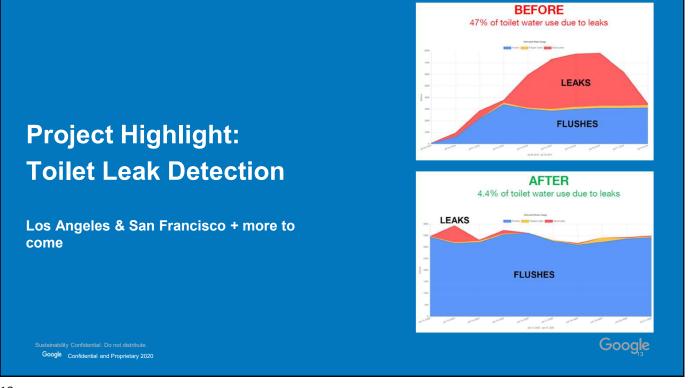


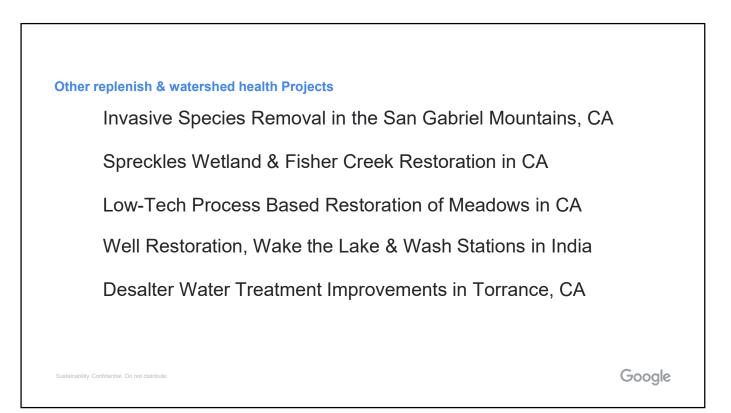


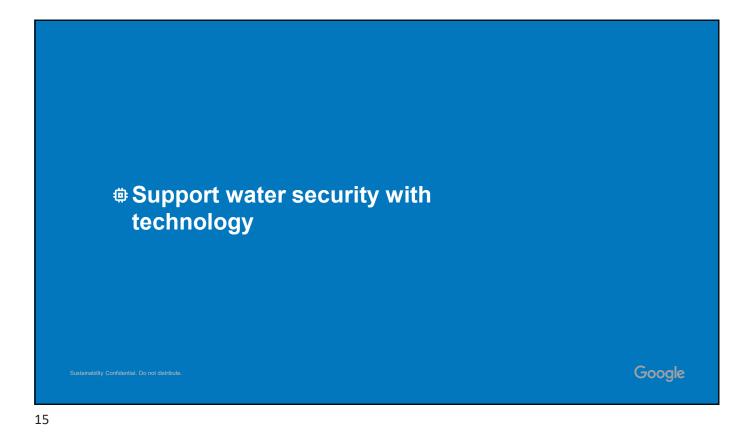


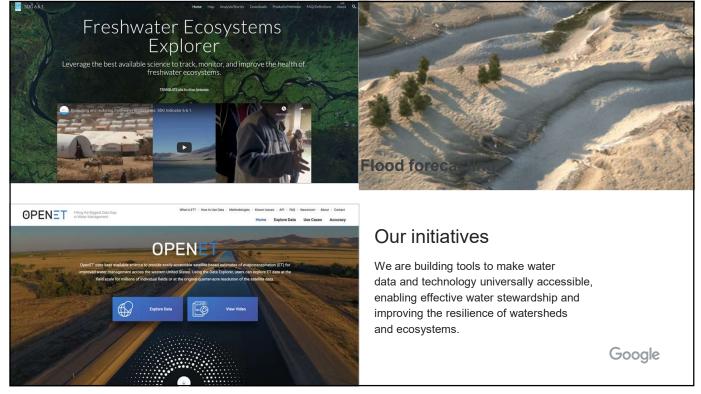
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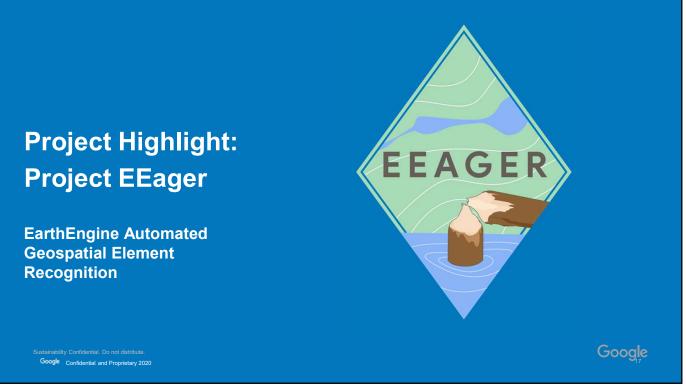












### Why Beavers?

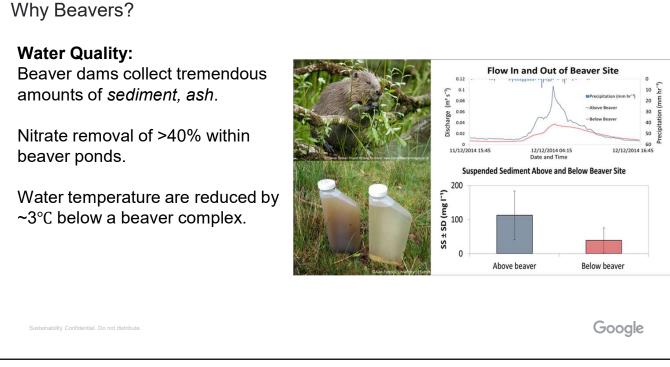
#### Water Supply:

Beaver complexes store water in their ponds and sink 10X as much into the ground. Their water is release water slowly, like a melting snowpack.

A typical beaver pond can store about 0.5 AF of surface and groundwater. We have potential for thousands of beaver ponds, especially in the Sierra.



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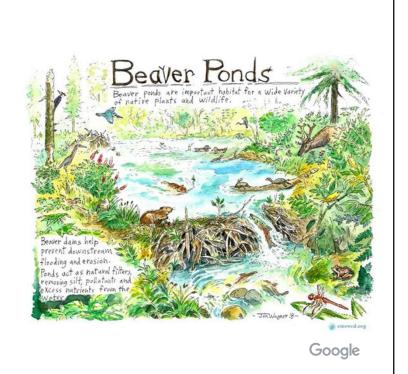


## Why Beavers?

#### **Ecology**:

Beavers are a keystone species because animals love beaver ponds. Beaver ponds are some the best and highest quality habitat for terrestrial and freshwater aquatic animals.

The best fishing holes you will find are in beaver complexes.



# Why Beavers?

### Fire:

Beaver ponds may be used as a source of water water during a firefight, and the riparian corridor is so well wetted that acts as an effective fire break.

These locations provide refuge during a fire, and allow the site to rebound much quicker after a fire. Post-fire ash flows are also captured in the ponds.



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