

CARPINTERIA  
GROUNDWATER  
SUSTAINABILITY AGENCY  
(CGSA) PUBLIC MEETING  
MAY 26, 2022



**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY

## *What is the SGMA?*

### Sustainable Groundwater Management Act

- Three bill package signed into California law in late 2014
- Provides a statewide framework for long-term sustainable groundwater management in California
- Applies to “medium” & “high” priority basins, as determined by the Department of Water Resources

# SGMA's Goal is...

## Sustainable Groundwater Management

Sustainable GW Management = Avoiding “Undesirable Results”

					
Surface Water Depletion	Reduction of Storage	Degraded Quality	Seawater Intrusion	Land Subsidence	Lowering GW Levels

SGMA definition of “Undesirable Results”

# Where is Carpinteria Groundwater Basin (CGB)?



## Why is Managing Groundwater important for Carpinteria Valley?

1. The local groundwater resource provides around 25% of Carpinteria Valley Water District's water supply annually.
2. About 2/3 of water pumped from the Carpinteria Basin is for agriculture in Carpinteria Valley and portions of Ventura County.
3. Groundwater provides benefits to the ecosystem in Carpinteria.



# What Does SGMA Require of High & Medium Priority Basins?

1. Form a Groundwater Sustainability Agency (GSA)  
Within 2 years after basin prioritization. (2020)
2. Adopt a Groundwater Sustainability Plan (GSP)  
No More than 5 years after basin reprioritization (2024)
3. Achieve Sustainable Groundwater Management  
20 years following GSP adoption (2044)
4. State intervention if local implementation fails

# Carpinteria Groundwater Basin under SGMA

## Background;

- Carpinteria Basin was designated High Priority by State in 2019
  - Due to importance of groundwater in Carpinteria Valley
- Carpinteria GSA (CGSA) was formed in 2020 through a Joint Powers Authority Agreement (JPA).

## CARPINTERIA GSA MEMBERS



- Carpinteria GSA is a separate agency from CVWD.

# Carpinteria Groundwater Basin under SGMA

## GSA Responsibilities?

1. Develop, adopt, and implement a GSP to achieve sustainable groundwater management within 20 years.
2. Annual monitoring and reporting to DWR
3. Implement Management Actions, if necessary to achieve sustainability
4. Review and update GSP every 5 years
5. Continued Stakeholder outreach and engagement



# Carpinteria Groundwater Basin under SGMA

## What else is happening under SGMA in Carpinteria?

- A grant for \$1.9M was awarded to CVWD on behalf of CGSA to prepare a GSP for the Basin
- GSA is installing new monitoring wells under the Grant program
- GSA is monitoring Coastal Wells for Seawater intrusion
- GSP is in development and will be completed near the end of 2023
- GSA will be implementing a revenue collection system starting FY23

# Carpinteria Groundwater Basin under SGMA

## Funding?

- GSP development is primarily funded through a State grant program
- GSA Operations funded using loans from CVWD for FY 21 & FY 22
- Fee being developed to support ongoing GSA operations



# Carpinteria GSA

GSA Fee Study

Community Meeting

May 26, 2022

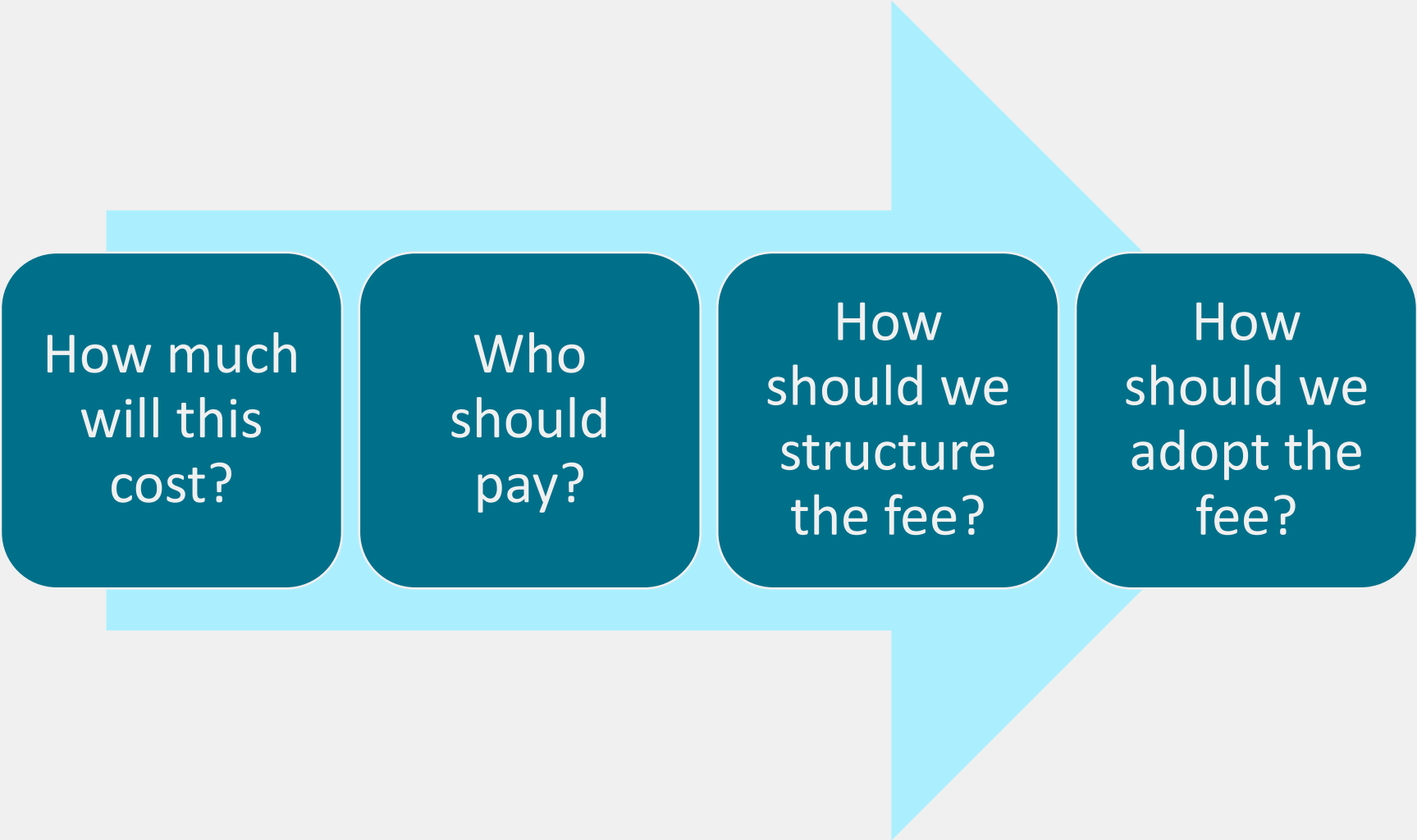
# Sustainable Groundwater Management Act (SGMA) Timeline and Funding Phases



# Fee Study Process



# Fee Study – Primary Questions



How much  
will this  
cost?

Who  
should  
pay?

How  
should we  
structure  
the fee?

How  
should we  
adopt the  
fee?

# Fee Structure Evaluation

Policy Objective	All Parcels	Non-de minimis Parcels	Total Acreage	Irrigated Acreage	Est. Gross Pumping	Est. Net Pumping
Administration	★★★★	★★★★	★★★★	★★★	★	★
Equity	★	★	★★★	★★★★	★★★★	★★★★
Financial Stability	★★★★	★★★★	★★★★	★★★	★★	★★
Affordability	★★	★	★★★	★★★	?	?

★ = Least      ★★★★★ = Best

# Fee Proposal

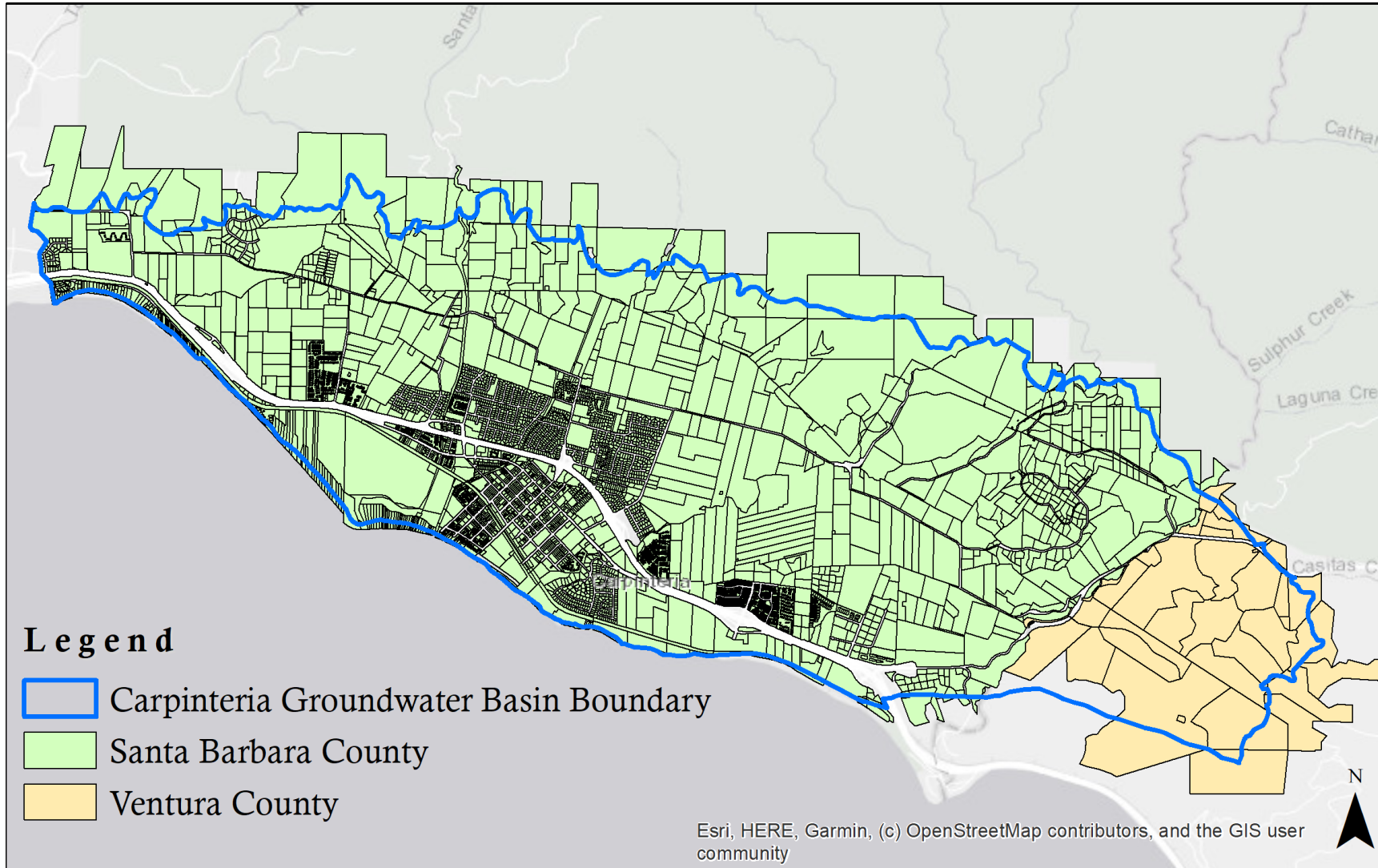
- All parcels overlying the groundwater basin would be subject to the proposed fee
  - › All properties benefit from having the basin sustainably managed
- Proposed fee would be based on a parcel's acreage that falls within the groundwater basin
- Charges would be billed by the Counties on property tax statements



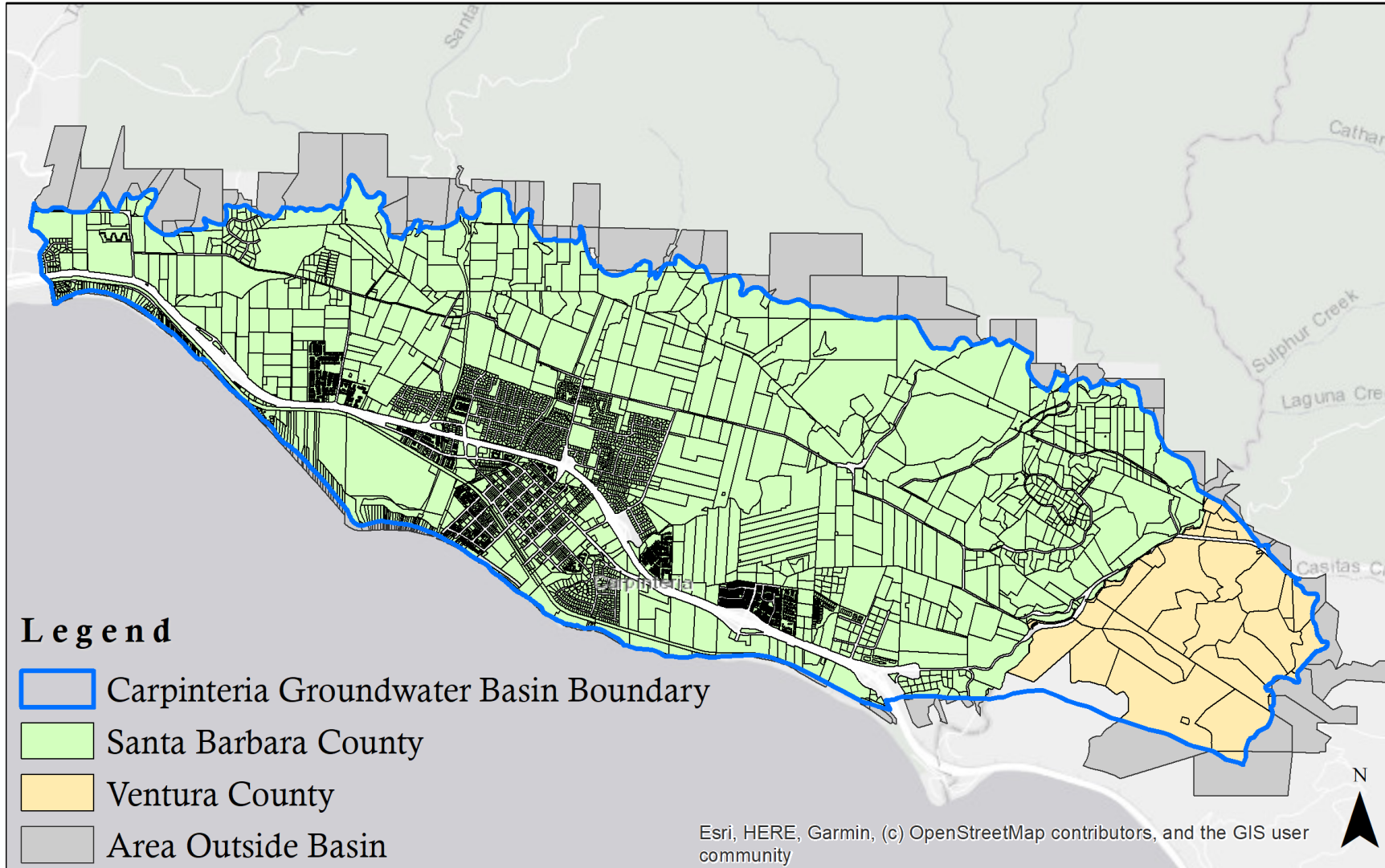
# Costs

- Primary costs to be recovered include:
  - › Personnel
  - › Groundwater professional services
  - › Water quality testing
  - › Legal
  - › Administration
- Total costs of approximately \$400,000 per year the first three years
- Cost of developing the Groundwater Sustainability Plan (GSP) is funded through a \$1.9 Million state grant

# Groundwater Basin Parcel Map



# Net Acreage (grey shaded area removed)



# Net Acreage (Subject to Proposed GSA Fee)

	Acreage
Gross Acreage Intersecting the Basin Boundary	8,836
<i>(Less Parcel Acreage Outside the Basin Boundary)</i>	<i>(1,497)</i>
<hr/>	
Net Acreage within the Basin Boundary	7,339
<i>(Less Excluded/Omitted Acreage)</i>	<i>(577)</i>
<hr/>	
<b>Net Acreage subject to GSA Fees</b>	<b>6,762</b>

# Proposed Fee (\$/Acre)

Fee Calculations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
<b>Fee per Acre per Year</b>	<b>\$59.07</b>	<b>\$60.15</b>	<b>\$61.25</b>	<b>\$42.67</b>	<b>\$38.61</b>
<i>Fee per Acre per Installment</i>	<i>\$29.54</i>	<i>\$30.07</i>	<i>\$30.63</i>	<i>\$21.34</i>	<i>\$19.30</i>
<i>Fee per Acre per Month</i>	<i>\$4.92</i>	<i>\$5.01</i>	<i>\$5.10</i>	<i>\$3.56</i>	<i>\$3.22</i>

# Fee Impacts (Year 1), by Parcel Size

Parcel Size (Acres)	Fee (\$/Yr)
1/8 Acre	\$7.38
1/5 Acre	\$11.81
1/4 Acre	\$14.77
1/2 Acre	\$29.54
3/4 Acre	\$44.30
1 Acre	\$59.07
2 Acres	\$118.14
<b>5 Acres</b>	<b>\$295.36</b>
<b>10 Acres</b>	<b>\$590.71</b>
25 Acres	\$1,476.78
50 Acres	\$2,953.55

# Fee Implementation

## Fees effective

- July 1 (beginning of the County and Carp GSA fiscal year)

## The first charges

- Would show on fall property tax statements as a new “fixed charge” for the Carp GSA

## Total charges

- Based on parcel acreage

## If parcel (APN) acreage is within the Basin

- It will be charged unless one of the legally exempted categories

## The charges will be split

- Between fall and spring tax statements (half each)

# Summary

- The fees recover the costs of administration and operations for the Carpinteria GSA
- Any additional funding for Projects and Management Actions (PMAs) will be determined separately after GSP adoption and approval
- The average Single Family Residential property (around 1/3 acre) will see an annual charge of approximately \$22
- The average Agricultural property (around 12 acres) will see an annual charge of approximately \$700
- Final fees will be presented to the Board of Directors of Carp GSA on June 8 and a Public Hearing for fee adoption will be held on June 22



# Carpinteria Groundwater Basin under SGMA

## Schedule

- GSA Public Hearing on June 8, 2022 at City Hall 5:40 PM
- Community Meeting (repeat presentation of May 26)  
5:30 p.m. Tuesday, June 14 @ Lion's Park –  
6197 Casitas Pass Rd., Carpinteria 93013
- GSA Public Hearing Jun 22<sup>nd</sup>, 2022 at City Hall 5:40 PM
- Possible Adoption of fees, Jun 22<sup>nd</sup>, 2022 by GSA Board.

# Q&A

# Thank you!