

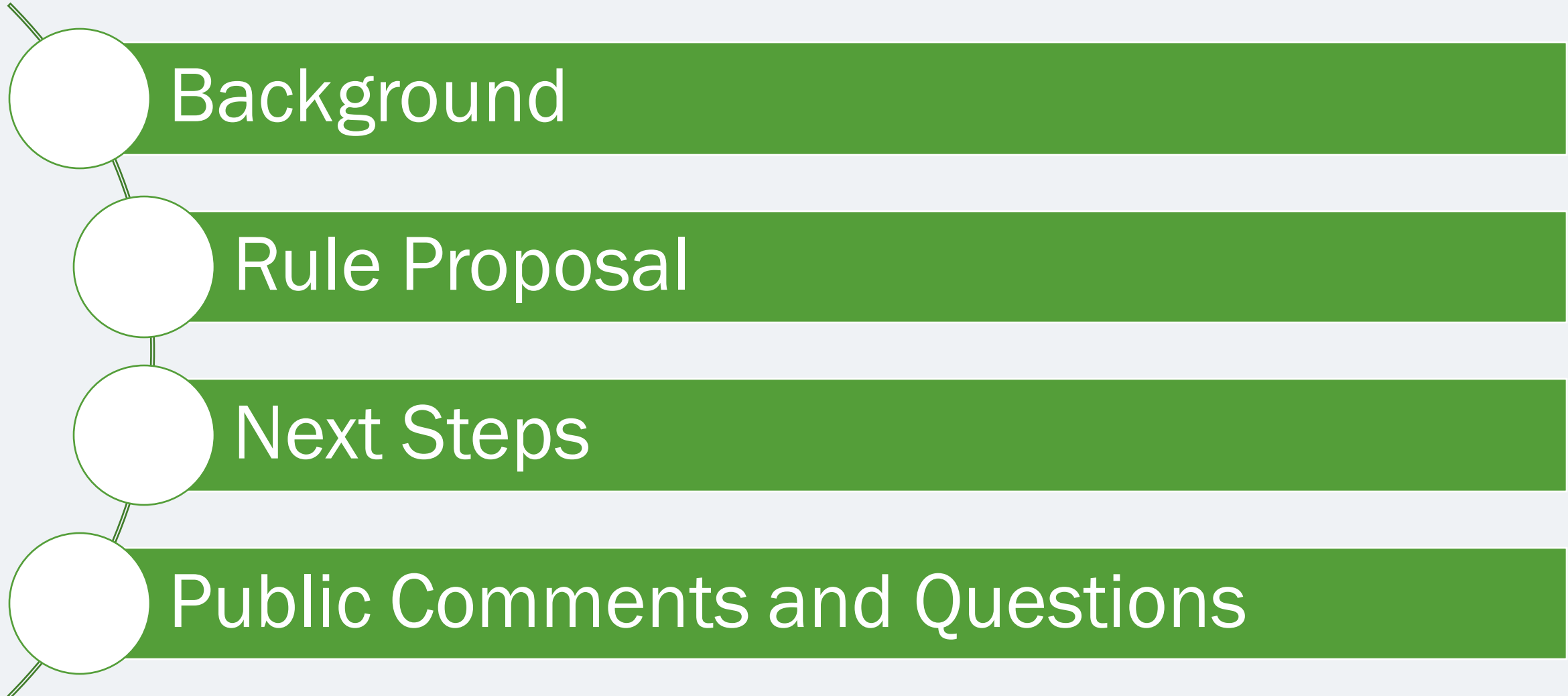
San Diego County Air Pollution Control District (District)



Public Workshop **Rule 1210 – Toxic Air Contaminant Public Health Risks –** **Public Notification and Risk Reduction**

August 5, 2021

AGENDA



Background

District Rule 1210

The California Air Toxics “Hot Spots” Program

- Evaluates public health risks from facilities emitting toxic emissions
- Requires facilities with elevated health risks to conduct public notification and implement risk reduction measures

Rule 1210 was adopted in 1996 to Implement the Hot Spots Program

- Establishes the public notification and risk reduction thresholds and procedures

Background Rule Development Process

May
2019

Board directed the District to evaluate Rule 1210

Aug.
2019

First Public Workshop

Jan.
2020

Second Public Workshop

Mar.
2020

Advisory Committee recommendations

Jul.
2020

District requested an extension

Background

Existing Public Notification and Risk Reduction Thresholds



Health Risk	Public Notification Threshold	Risk Reduction Threshold
Cancer Risk	10 in one million	100 in one million
Acute Noncancer Health Hazard Index	1.0	1.0
Chronic Noncancer Health Hazard Index	1.0	1.0
Cancer Burden	1.0	1.0

Background

Understanding Cancer Health Risks



Cancer Risk

- Represents the highest health risk for an individual living, working, or attending a school near a stationary source.
- Estimates the likelihood that an individual will develop cancer during his/her lifetime.
- Expresses the probability of occurrence as chances in million.

Background

Understanding Cancer Health Risks



Existing Cancer Risk Threshold in Rule 1210
100 cases in one million people



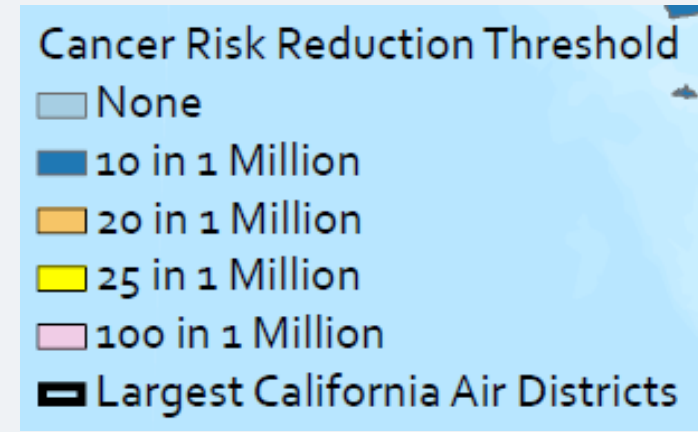
Cancer risk from breathing current levels of pollutants in
California's ambient air ~
760 cases in one million people



Overall risk of cancer in the general U.S. population ~
250,000 cases in a million people

Background

California Air Districts' Cancer Risk Reduction Thresh



Rule Proposal



Lowering the Cancer Risk Reduction Threshold
from 100-in-1-million to 10-in-1-million



Enhancing Public Notification and Risk Reduction Protocols &
Establishing Public Meeting Requirements



Revising the Existing Extension Requirements
for Facilities Unable to Reduce Cancer Risk within 5 Years

Rule Proposal

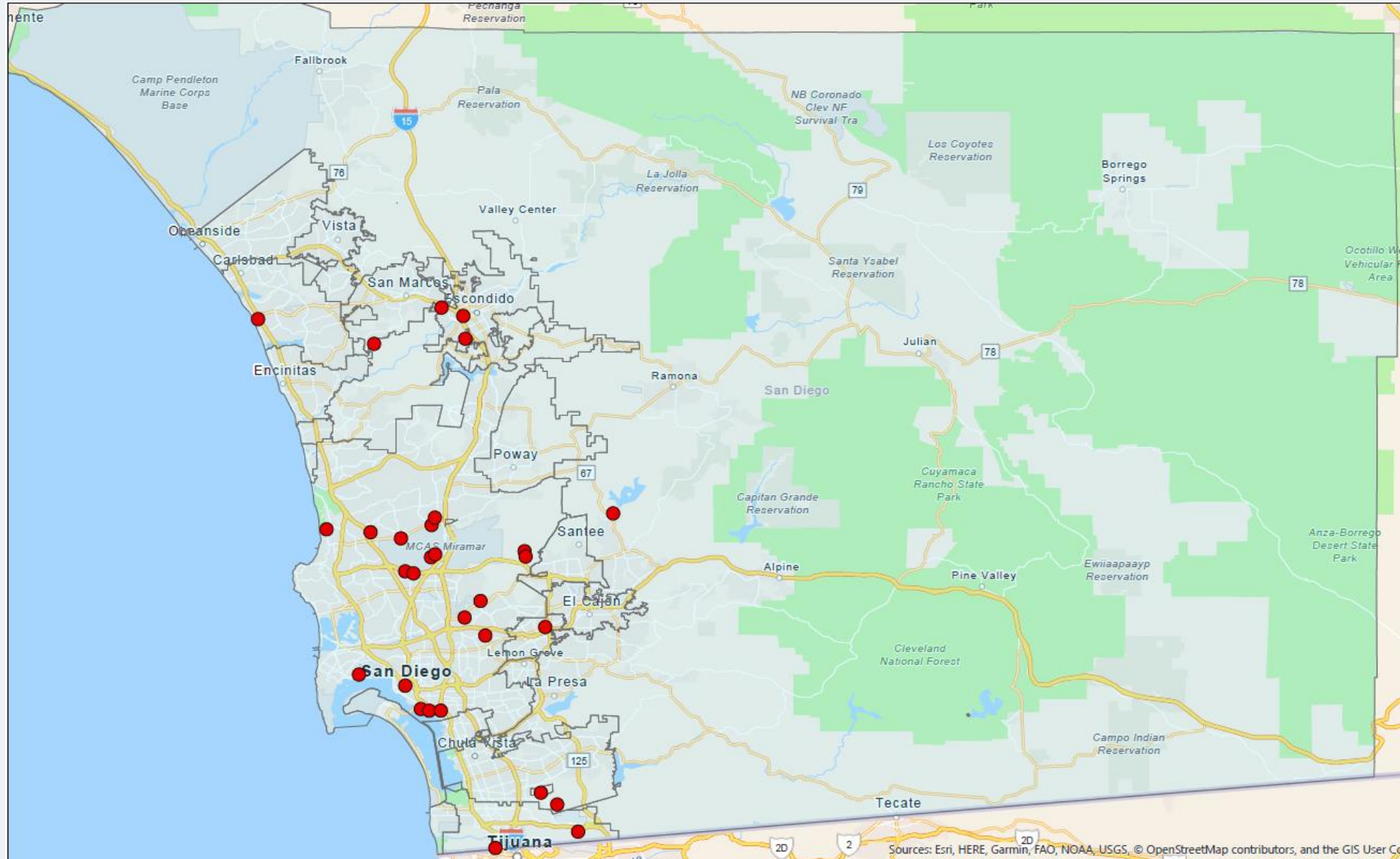
Cancer Risk



Reduce the Cancer Risk Reduction Threshold from
100-in-1 million to 10-in-1 million

- Establish a health-protective limit at which stationary sources would be required to reduce cancer risks
- Reduce the chances of contracting cancer by 10 times
- Align the Public Notification threshold with the Risk Reduction Threshold
- Consistent with 11 other districts that have already implemented a 10 in a million-risk reduction threshold

Rule Proposal Cancer Risk



Rule Proposal

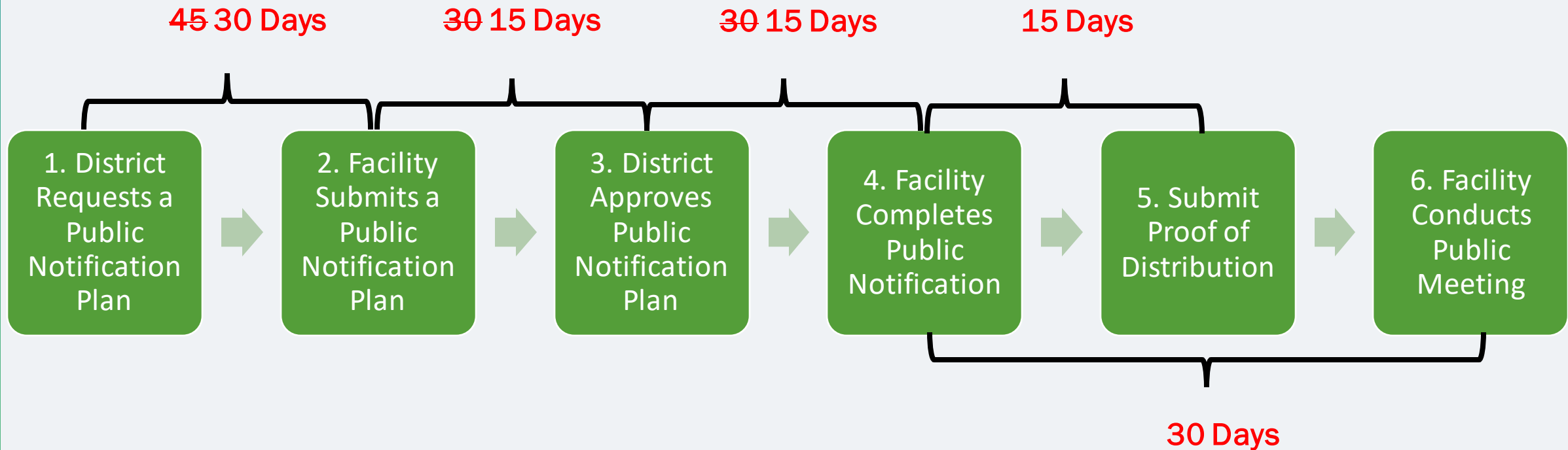
Public Notification & Risk Reduction Protocols



Enhancing Public Notification and Risk Reduction Protocols & Establishing Public Meeting Requirements

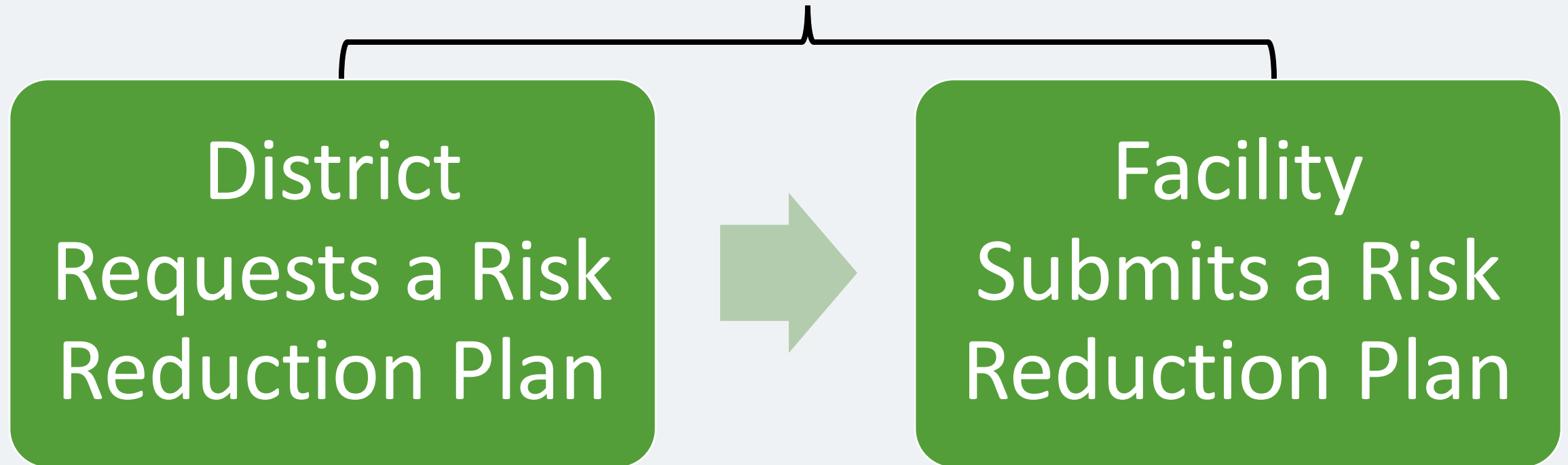
- Extension would only be considered if reducing health risks are not technically feasible or economically practicable

Rule Proposal Public Notification Process



Rule Proposal Risk Reduction Plans

~~6 months~~ 120 Days



Rule Proposal

Possible Extensions



Extensions for Stationary Sources Unable to Reduce the Cancer Risk within 5 Years

- Extension would only be considered if reducing health risks are not technically feasible or economically practicable

Next Steps

1

- Submit written comments by COB August 19, 2021

2

- Workshop Report
 - Copy to Workshop attendees and other interested parties

3

- Socioeconomic Impact Assessment

4

- Consideration of Adoption by the current Governing Board on October 14, 2021

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