

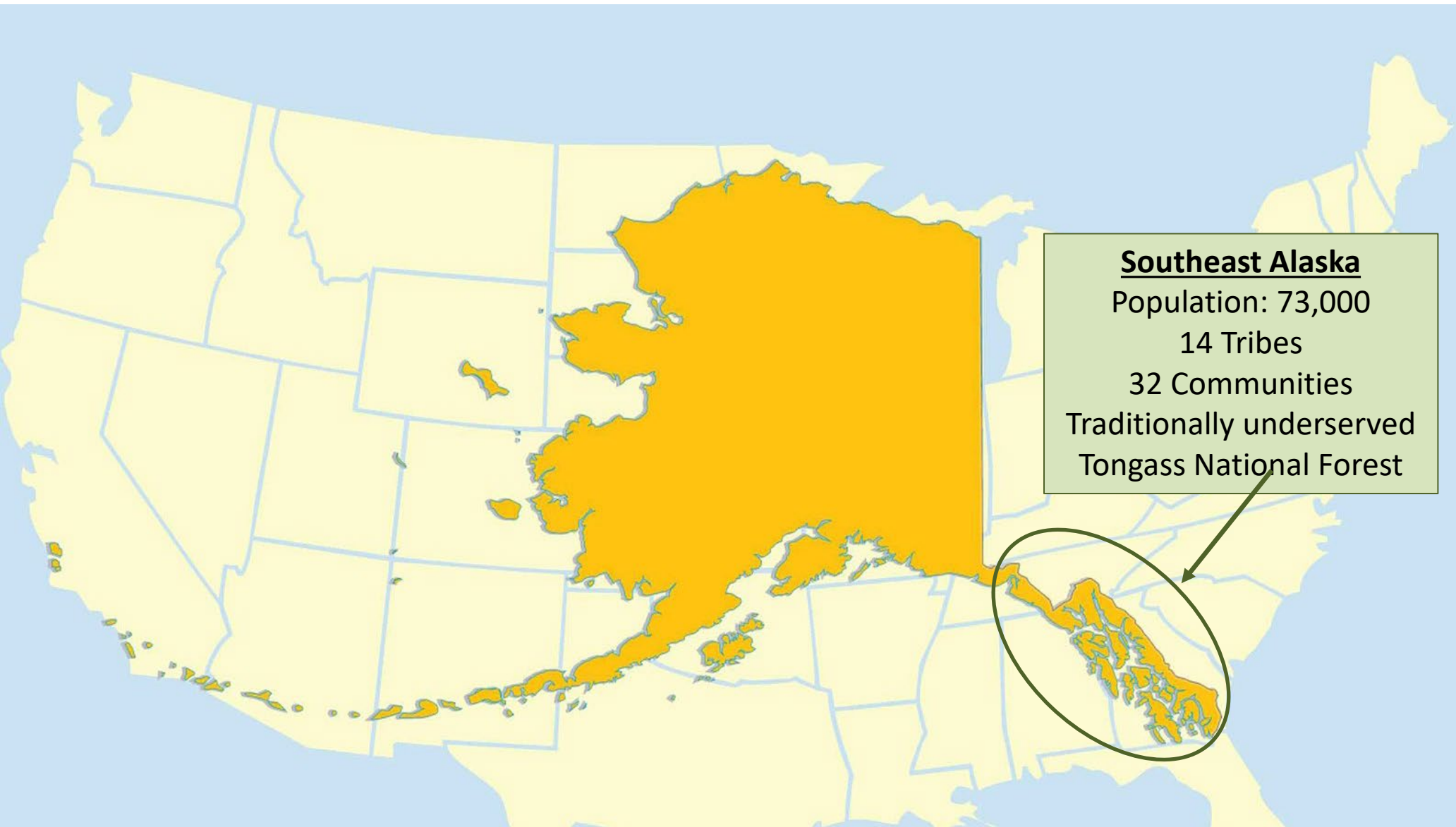


# Economic Impact of Southeast Alaska Sustainability Strategy Investments: 2022

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USDA Forest Service  
Alaska Region

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Southeast Conference

Western Forest Economists Conference  
September 29, 2023



**Southeast Alaska**

Population: 73,000

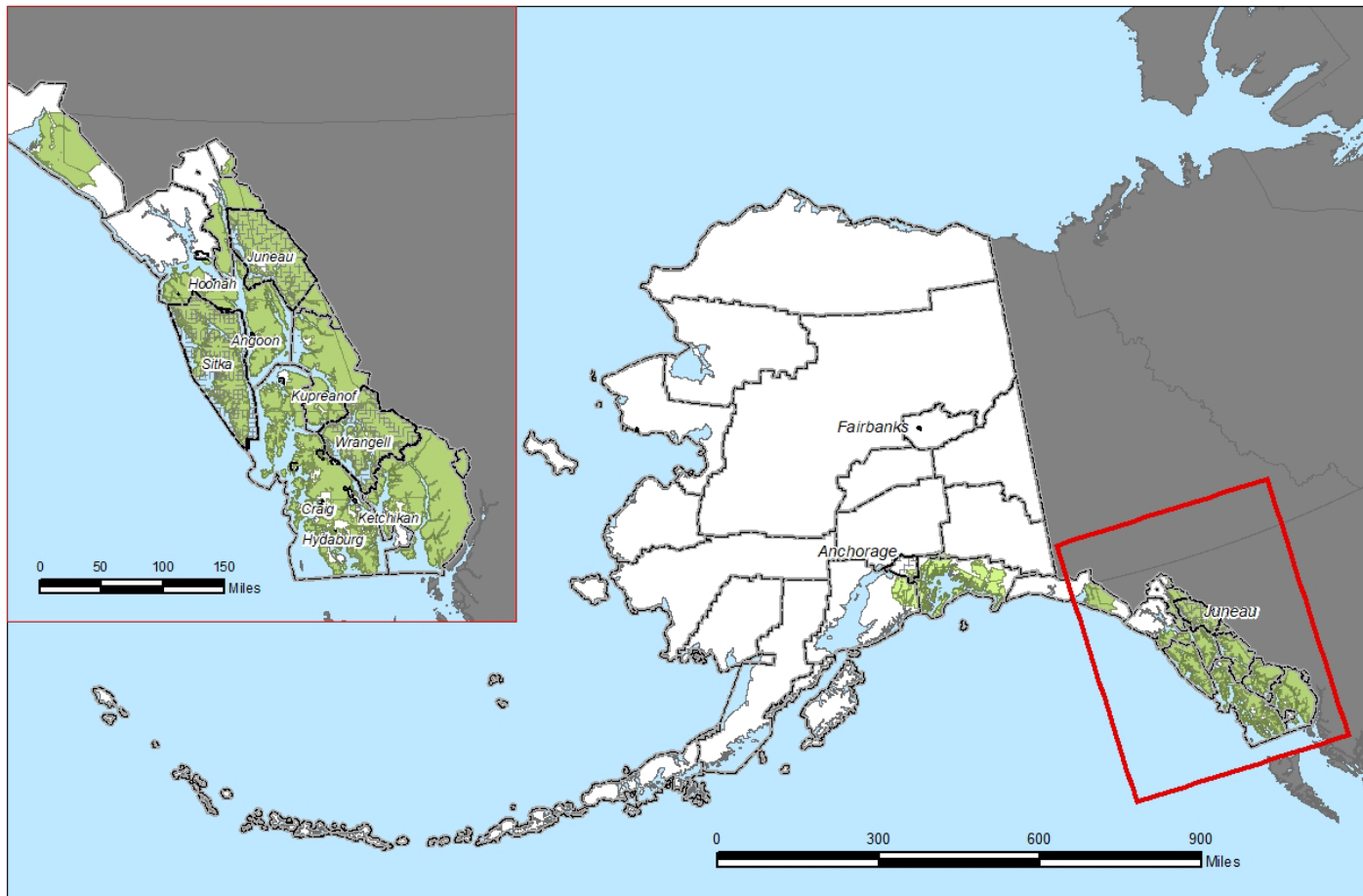
14 Tribes

32 Communities



Traditionally underserved

Tongass National Forest






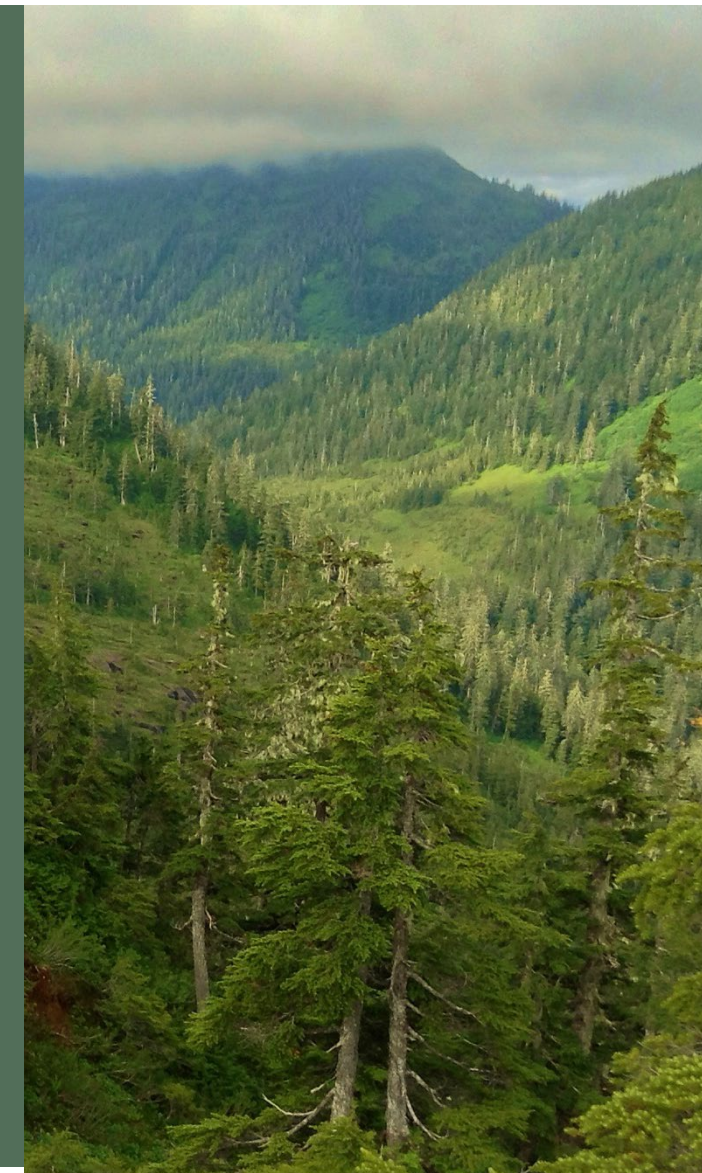


**National Forests in Alaska**

-  Chugach National Forest
-  Tongass National Forest

**Political Geography**

-  Principal city
-  Borough (equivalent to county)
-  CANADA



# Southeast Alaska Sustainability Strategy: 2021 Announcement

## One USDA approach

**Support and enhance a diverse economy, community and cultural resilience, and *conserve* natural resources**

1. *Meaningful consultation with Tribal Nations and Alaska Native corporations*
2. *Ending large-scale old-growth timber harvest*
3. *Restoration of the 2001 Roadless Rule protections*
4. *Identifying short- and long-term investment opportunities and barriers to those investments*





## \$25 million investment selection

*Criteria to identify investment ideas that informed the final recommendation:*

- *Meets USDA commitment to ecological, economic, cultural sustainability*
- *Includes a strong set of partners*
- *Represents a priority economic sector*
- *Addresses critical community capacity needs and/or increases capacity*
- *Addresses historic and/or structural decision that have contributed to inequitable access to USDA programs*

# SASS Investments

The initial \$25 million investment distributed into four broad categories:

- **Tribal and Indigenous Interests**  
\$12.5 million (50%)
- **Natural Resources**  
\$6.25 million (25%)
- **Infrastructure**  
\$3.125 million (12.5%)
- **Community Capacity**  
\$3.125 million (12.5%)

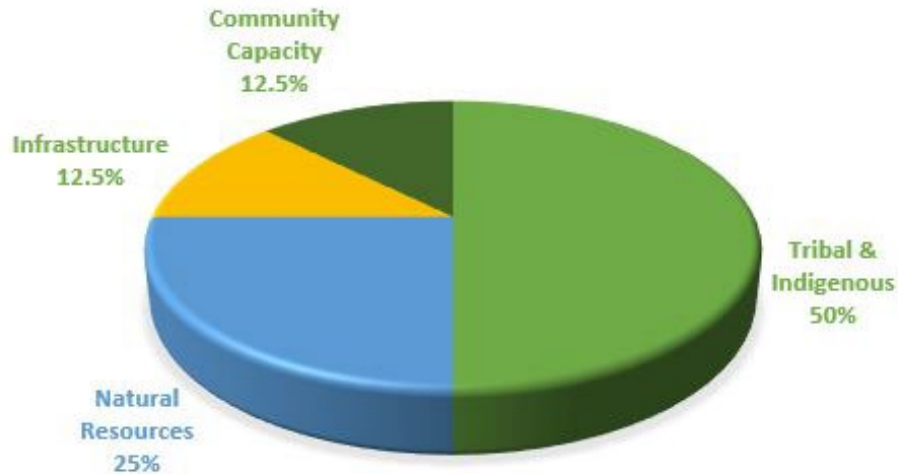
## Agency Portfolios

**Forest Service** – 43 Projects ~ \$18.5m

**Rural Development** - 23 projects ~ \$6m

**Natural Resources Conservation Service** -  
3 Projects ~ \$.5m

SUSTAINABILITY STRATEGY INVESTMENT





## SASS INVESTMENTS

- \$25 Million Dollars
- 70 Individual Projects
- 32 Separate Organizations
- 1 Contract
- 59 Separate Agreements









# The Idea

## A Project to Monitor the Projects



# Economic Monitoring: *Why?*

- Are SASS investments measurably improving economic wellbeing in Southeast communities?
- Communicate success stories = *Telling our story*
- Capacity building:
  - Regional: assist partners with data collection and reporting
  - Internal: estimation techniques and modeling
- Pilot effort could be replicated for project level economic monitoring of land management activities



# Economic Monitoring: *How?*

- Partnership with Southeast Conference
- Estimate annual economic impacts arising from investments
- Data: internal investment tracking
- Data: annual reporting requirement included in all investment agreements

The following information shall be gathered each calendar year, either in annual reports or provided directly to Jean Daniels ([jean.daniels@usda.gov](mailto:jean.daniels@usda.gov)) no later than March 1 every year of the project's lifespan, until the agreement is closed.

- 1. How many Full Time Equivalent (FTE) positions were created with agreement funding during the last calendar year?**
- 2. What were the workforce earnings for those FTEs during the last calendar year?**
- 3. What percent of funds provided in this agreement were spent in Southeast Alaska during the last calendar year?**







# The Process

**1. Develop  
Assessment  
Tool**



# Assessment Tool: 9 Questions

*Southeast Conference reached out to all SASS funding recipients with an intake form asking the following 9 questions:*

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- **Project Name:** *What is the name of your project?*
- **Spending:** *How much of your organization's USDA Southeast Alaska Sustainability Strategy Investment funding did you spend on your project in 2022?*
- **Spent in Southeast:** *What percent of this above amount was spent directly in Southeast Alaska?*
- **Category of Work:** *Which of the following categories best describes the work primarily completed for the project in 2022?*
- **Workers:** *How many workers were employed through project agreement funding during each month of 2022?*
- **Job Titles:** *Please list the job titles of the workers described above.*
- **Wages:** *How much did you pay in wages for the above workers in 2022 (excluding benefits)?*
- **Two Optional Open-ended:**
  - 1) *In your own words, please describe the economic impact of the project in 2022.*
  - 2) *Please describe other non-market impacts, such cultural, social, ecological, or other impacts of the project in 2022.*

# The Process

## 2. Multiplier Modeling Tool

# Multiplier Model: RIMSII

## SASS Investment Earnings and Jobs Multipliers 2022

NAICS Code	NAICS Description	Total Spent by Partners	Direct Annualized Jobs Reported	Direct Wages Reported	Final-demand Output Multiplier	Direct-effect Earnings Multiplier	Direct-effect Jobs Multiplier	Total output	Total earnings	Total jobs
50	Professional, scientific, and technical services	\$264	-	-	1.45	1.29	1.44	\$382	\$-	0
52	Administrative and support services	\$167,095	2.1	\$171,046	1.43	1.35	1.33	\$238,110	\$231,220	2.8
562000	Remediation services and waste management	\$222,370	3.0	\$29,960	1.38	1.46	1.66	\$305,914	\$43,673	5.0
54	Educational services	\$104,617	1.8	\$58,087	1.47	1.29	1.20	\$153,505	\$74,845	2.1
60	Recreation industries	\$25,300	1.2	\$11,984	1.41	1.37	1.23	\$35,784	\$16,466	1.4
111400	Greenhouse & nursery production	\$425,000	0.4	\$31,292	1.44	1.36	1.30	\$612,808	\$42,598	0.5
113000	Forestry and logging	\$153,488	2.9	\$137,870	1.67	1.62	2.06	\$257,000	\$222,894	6.0
114000	Fishing and hunting	\$8,655	0.2	\$1,000	1.27	1.32	1.20	\$10,984	\$1,320	0.2
115000	Support activities for agriculture and forestry	\$90,004	1.2	\$40,593	1.44	1.23	1.13	\$129,570	\$49,779	1.3
541700	Scientific research and development services	\$79,893	0.8	\$12,190	1.43	1.37	1.61	\$114,599	\$16,745	1.3
561400	Business support services	\$14,600	0.5	\$15,000	1.50	1.34	1.41	\$21,842	\$20,072	0.7
813A00	Grantmaking, giving, social advocacy organizations	\$20,088	0.3	\$20,088	1.42	1.30	1.37	\$28587	\$26114	0.5
	<b>Totals</b>	<b>\$1,311,374</b>	<b>14.3</b>	<b>\$529,110</b>				<b>\$1,909,085</b>	<b>\$745,727</b>	<b>22</b>



# The Process

## **3. Results**



59

Agreements and  
Sub-awards

17

Projects Begun  
in 2022

32

SASS Partners

12

Partners Begun  
in 2022

85%

Spent  
Locally



# Job Titles

Biomass Intern

Boat Operator

Business Manager

Communications Catalyst

Communications Director

Consultant

Cultural Heritage & Education Senior Director

Deputy Director

Director of Tourism and Natural Resources

Economic Development Catalyst

Environmental Coordinator

Executive Director

Forester

Grant and Projects Manager

Ketchikan Indian Community work crew laborers

Natural Resource Planner

Natural Resource Technician

Natural Resources Trainee

Program Associate

Program Officer

Restoration Biologist

Rock and Road Construction Contractors (5)

Senior Ethnologist

Sitka Youth Community Development Catalyst

SSP Deputy Director

SSP Program Director

Stewardship Coordinator

Storytelling Specialist

Tribal Conservation District work crew laborers

Wildland Fire Program Manager

Wildlife Viewing Expert

Watershed Coalition Communication Coordinator

Watershed Coalition Director

Watershed Coalition: Executive Director

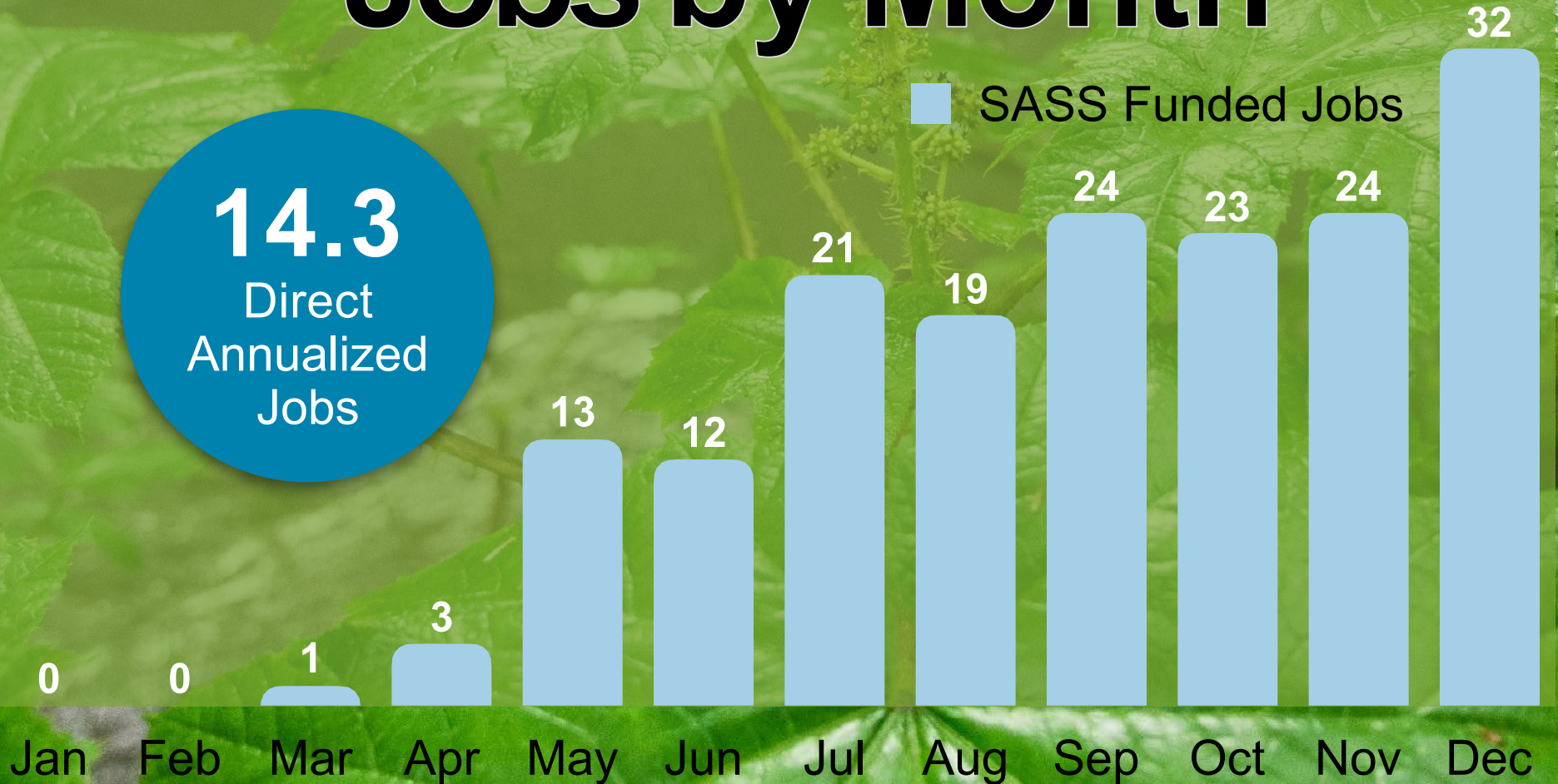
Workforce Development Catalyst



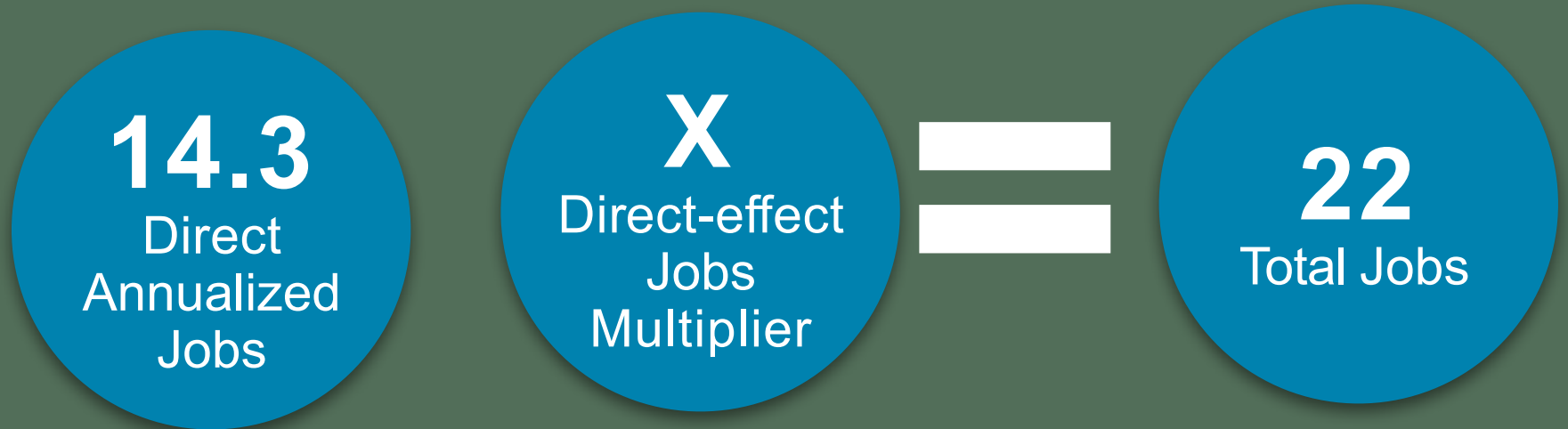
# Jobs by Month

■ SASS Funded Jobs

**14.3**  
Direct  
Annualized  
Jobs



# Jobs: Multiplier Effect



# Wages: Multiplier Effect

**\$529,110**

Direct Wages

**X**

Direct-effect  
Earnings  
Multiplier

**=**

**\$745,727**

Total Wages



# Total Spending: Multiplier Effect

**\$1.3**  
Million  
Direct  
Spending

**X**  
Final-demand  
Output  
Multiplier

**=**

**\$1.9**  
Million  
Total Impact

# Total Economic Impact

Economic impact summary of SASS investments  
project spending, 2022

Category	2022 Impact
Total investment by USDA in 2022 into SASS projects	\$1,311,374
Indirect and induced economic activity	\$597,710
<b>Total Impact of SASS Investment Spending 2022</b>	<b>\$1.9 million</b>
Year-round equivalent direct Jobs	14.3
Year-round equivalent Indirect and induced jobs	7.5
<b>Total Direct, Indirect &amp; Induced Annualized Jobs Created in 2022</b>	<b>22</b>

# The Process

**4. Repeat  
Annually for  
5 Years**



