



Farmworker Protection through Sustainable Agriculture

Prioritizing sustainable practices to protect North Carolina's most vulnerable populations

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Literature Review : Methods

Formulate research question

How can sustainable agricultural practices improve working conditions for migrant female farmworkers?

Search the literature and screen for inclusion

Focused on peer-reviewed articles and journals with gray or nontraditional literature including government documents. Key terms and Boolean operators were used to refine the search.

Assess, analyze, and synthesize data
Data pertaining to the intersection of identified themes (agriculture, female migrant workers, working conditions) were extracted and synthesized.

Report findings and propose recommendations

Relevant and available literature helped inform



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



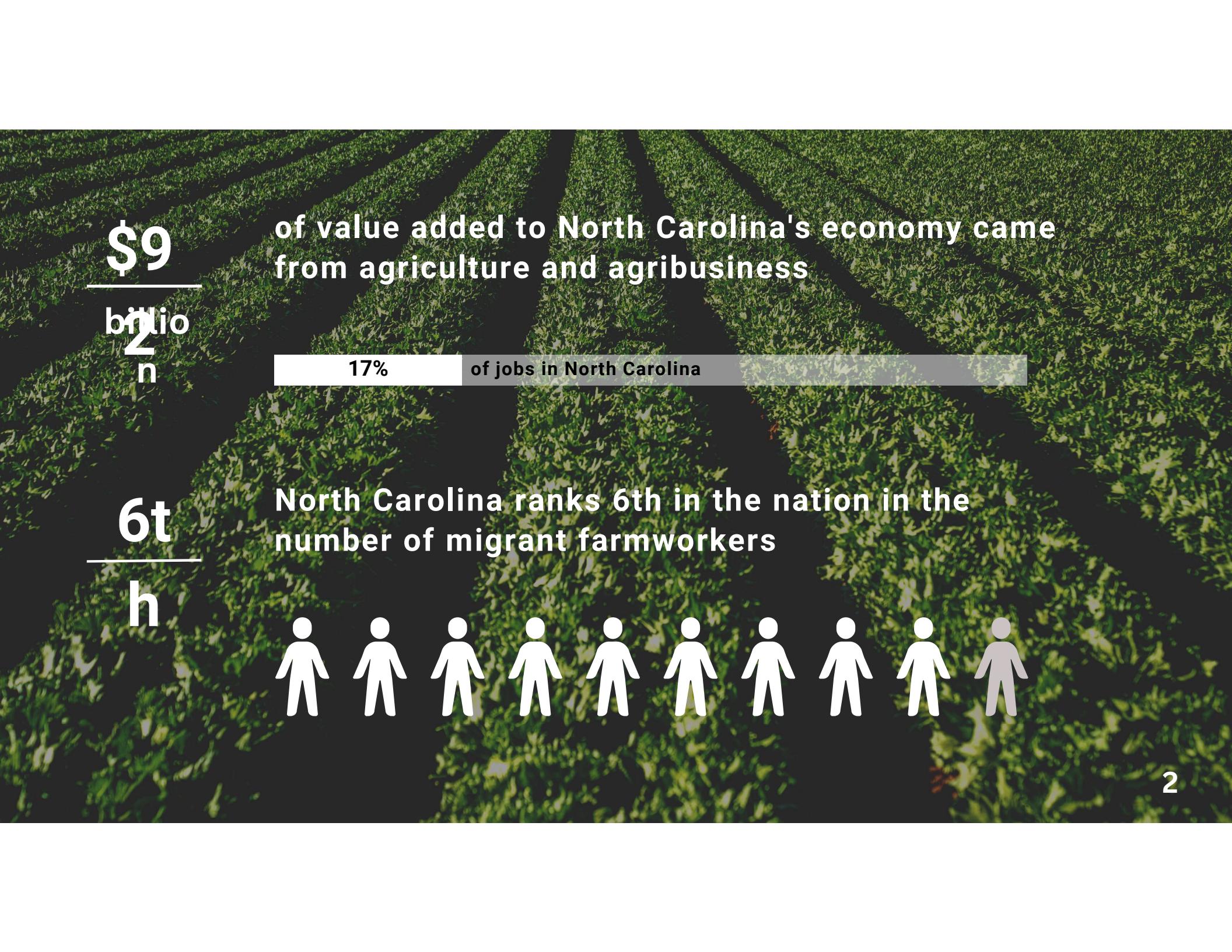
16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE
DEVELOPMENT
GOALS



\$9
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of value added to North Carolina's economy came
from agriculture and agribusiness

17% of jobs in North Carolina

6t
h

North Carolina ranks 6th in the nation in the
number of migrant farmworkers





In North Carolina, an economy highly reliant on its agriculture industry, the mass production and processing of food and other agricultural products utilizing **pesticides and harmful fertilizers** ~~What's the issue~~ cope with the effects of **non-renewable fossil fuels** and other harmful side effects of the industry.



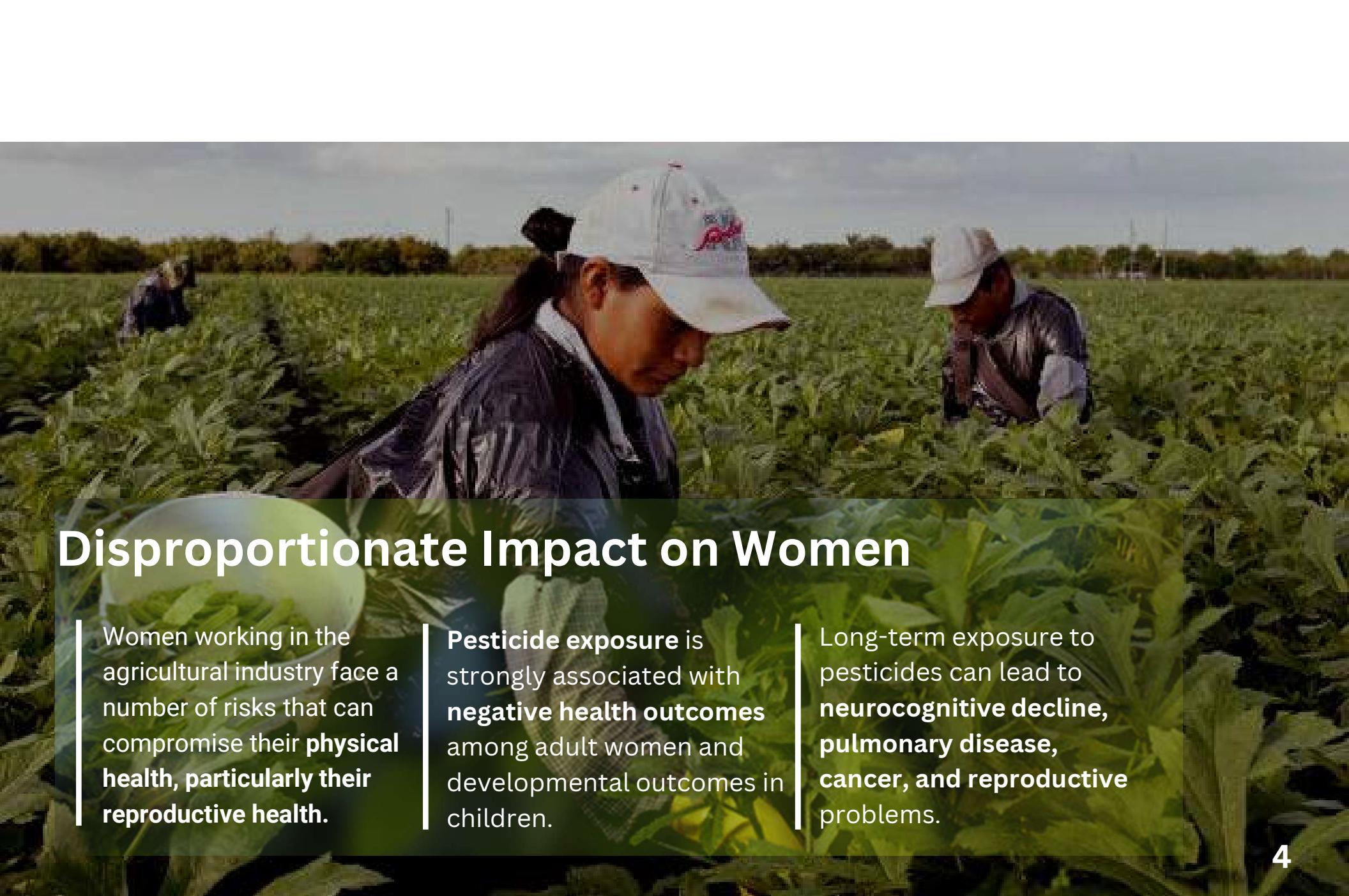
- > musculoskeletal and eye damage
- > pesticide exposure
- > heat illness
- > respiratory illness

Health Barriers



- > lack of legal protections
- > risk of deportation
- > low wages
- > poverty

Economic Barriers



Disproportionate Impact on Women

Women working in the agricultural industry face a number of risks that can compromise their **physical health, particularly their reproductive health**.

Pesticide exposure is strongly associated with **negative health outcomes** among adult women and developmental outcomes in children.

Long-term exposure to pesticides can lead to **neurocognitive decline, pulmonary disease, cancer, and reproductive problems**.

Recommendations

Participatory Approach

Introducing an accountability approach amongst farmowners and farmworkers to close the feedback loop and promote the reporting and addressing of grievances.



Prioritizing Work Organization



Enforcing more inclusive work organization policies will amplify the experiences of female migrant agricultural workers and work to improve their occupational health outcomes.

Recommendations

Integrated Pest Management

Integrated pest management (IPM) has been identified as a means to increase agricultural profits, improve living conditions, and reduce risks of pesticide exposure.



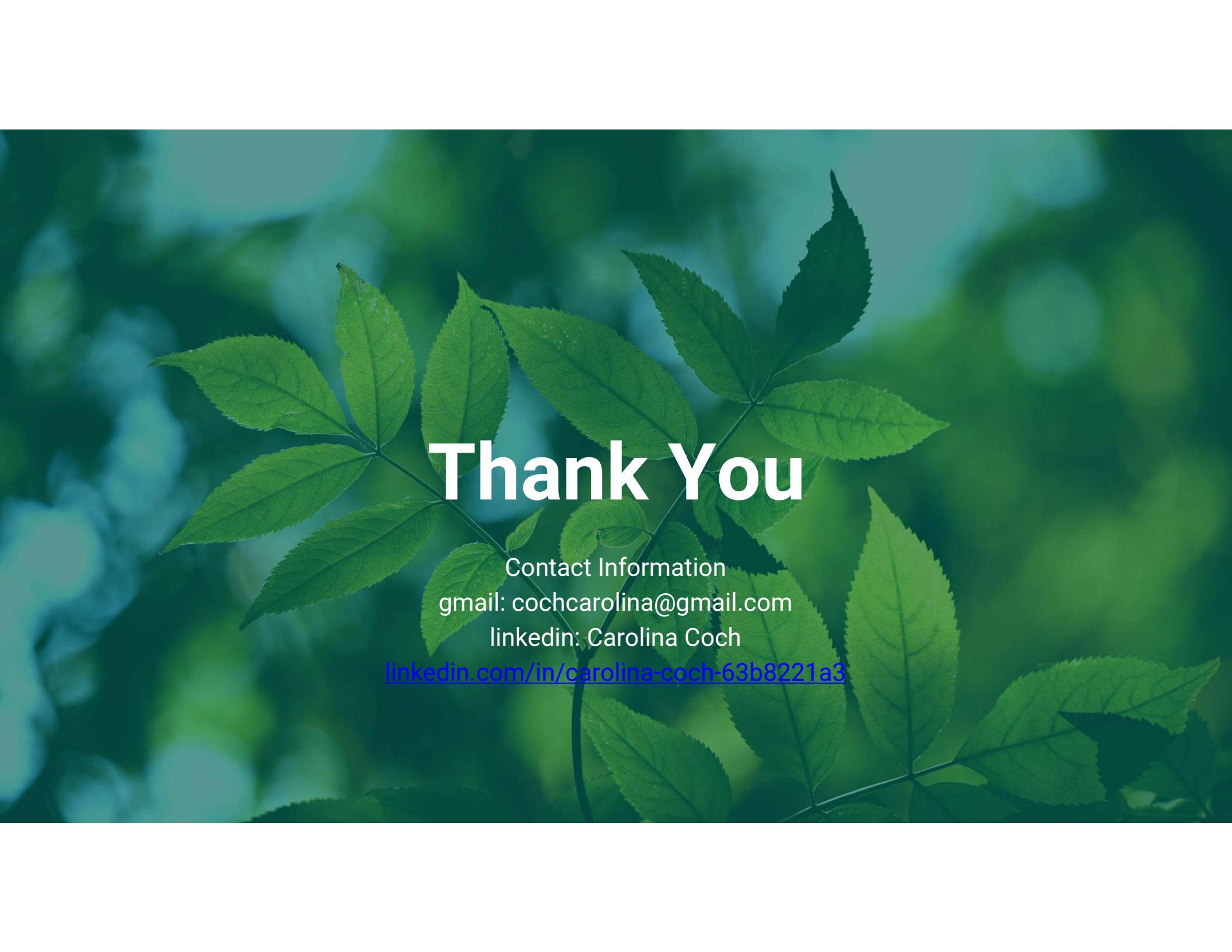
Digital Health Equity

Improving health outcomes through accessibility to digital health tools like telemedicine and promoting health literacy in rural areas.

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CLIMATE
ACTION





Thank You

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