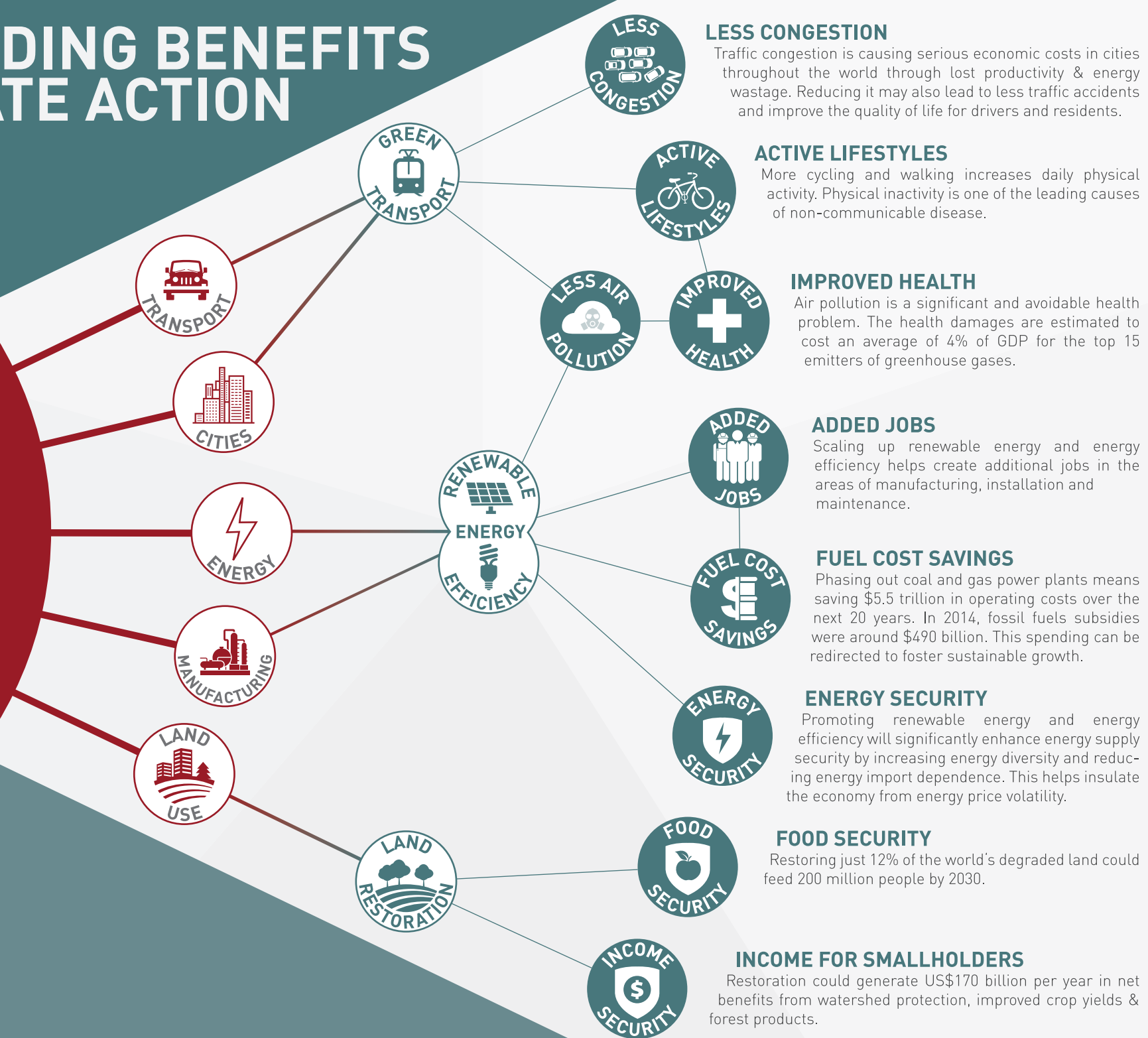


# THE CASCADING BENEFITS OF CLIMATE ACTION

This is just a small sample of the many and varied benefits that can stem from smart climate policy in key economic sectors. These benefits are often highly interconnected and cascade from one another.

Quantifying these positive effects is often difficult. However, they are real and significant. It's the task of policy makers to factor this complexity into decision making, so that we set the right incentives, build the right infrastructure and help steer our economy onto a climate compatible path.



## LESS CONGESTION

Traffic congestion is causing serious economic costs in cities throughout the world through lost productivity & energy wastage. Reducing it may also lead to less traffic accidents and improve the quality of life for drivers and residents.

## ACTIVE LIFESTYLES

More cycling and walking increases daily physical activity. Physical inactivity is one of the leading causes of non-communicable disease.

## IMPROVED HEALTH

Air pollution is a significant and avoidable health problem. The health damages are estimated to cost an average of 4% of GDP for the top 15 emitters of greenhouse gases.

## ADDED JOBS

Scaling up renewable energy and energy efficiency helps create additional jobs in the areas of manufacturing, installation and maintenance.

## FUEL COST SAVINGS

Phasing out coal and gas power plants means saving \$5.5 trillion in operating costs over the next 20 years. In 2014, fossil fuels subsidies were around \$490 billion. This spending can be redirected to foster sustainable growth.

## ENERGY SECURITY

Promoting renewable energy and energy efficiency will significantly enhance energy supply security by increasing energy diversity and reducing energy import dependence. This helps insulate the economy from energy price volatility.

## FOOD SECURITY

Restoring just 12% of the world's degraded land could feed 200 million people by 2030.

## INCOME FOR SMALLHOLDERS

Restoration could generate US\$170 billion per year in net benefits from watershed protection, improved crop yields & forest products.

**LEGEND**

- SEGMENT (Red circle)
- POLICY (White circle)
- BENEFIT (Dark teal circle)

