

LA County & ————— Sustainability in Class

By Joanna Peña || UCLA Extension || ENVIRON X 400
Principles of Sustainability (Fall 2021)



OUR STATE, HISTORICALLY...

14 of 20 LARGEST
WILDFIRES

HAPPENED IN THE LAST 10 YEARS



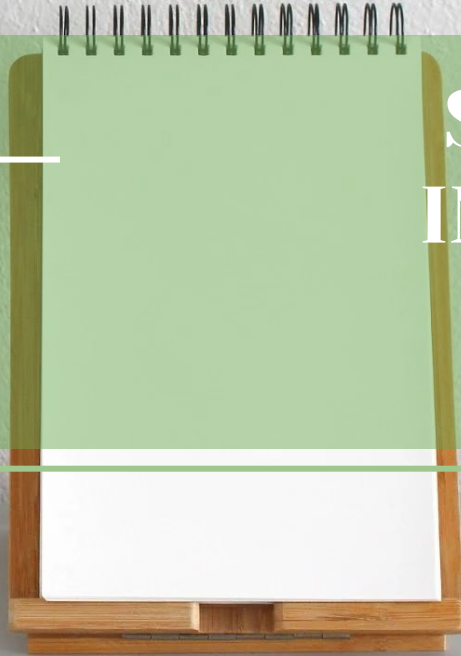
12 of 20 LARGEST
WILDFIRES

HAPPENED BETWEEN 2018 & 2021

01

SUSTAINABLE INSTITUTIONS

OUR MOVEMENT





THE INITIATIVE

To combat our global climate crisis, Los Angeles County will source paper used by public schools from local sustainable manufacturers.

02

THE 3 E's

OUR IMPACT





OUR IMPACT MODEL

ENVIRONMENTAL

Sustainably-sourced materials and reduced transportation needs will decrease our **overall carbon footprint**.

ECONOMIC

Sustainable sources will likely increase **supply costs** for local schools. Local businesses may agree to supply paper for less in bulk, in exchange for **gov't support** and the opportunity to **scale operations**.

SOCIAL

Institutions will **support local businesses**, and more **community members** will have sustainable products integrated into **their regular routines**.



03

THE CALIFORNIA COMMUNITY

OUR STAKEHOLDERS

STAKEHOLDERS



INSTITUTIONS

Public schools
will become more sustainable in
their daily operations



OFFICIALS

Local public executives will need
to weigh out costs and benefits
of sustainable alternatives



BUSINESSES

Sustainable companies will
benefit from community
engagement

04

— A NEW SUPPLY —

OUR MATERIAL LIFECYCLE



The Life Cycle of Sustainable (Recycled) Paper

Raw Materials

Pulp from sorted recycled paper

Production

Refined with water, meshed, pressed, and coated

Transportation

Travel through local low-emission vehicles

Use

Educational and administrative use

Disposal

Landfill or recycling



05

FEASIBILITY

OUR INSTRUMENTS



CONSIDERATIONS

01

FINANCIAL

Budget plans will need to be modified for deals with new suppliers

03

BEHAVIORAL

Community members will integrate sustainable materials into regular use

02

POLITICAL

Local government officials will need to be convinced of initiative's payoff and effectiveness

04

TECHNICAL

Sustainable paper suppliers will need to be found and contacted for arrangements

06

— IMPLEMENTATION

OUR ACTION PLAN



ACTION PLAN

PRODUCTION

Sustainable paper will need to be produced at a large scale

DISTRIBUTION

Efficient distribution arrangements will need to be made

BUDGETING

Funding for sustainable materials from new suppliers will need to be prepared

POLICY

The policy will need to be implemented by local government officials

PUBLIC RELATIONS

Community members who place lower value on sustainability may be against budget adjustments

MANAGEMENT

Administrative offices will need to manage funds and orders



07

KEY FIGURES

OUR PARTNERS

CONTACTS

LA County

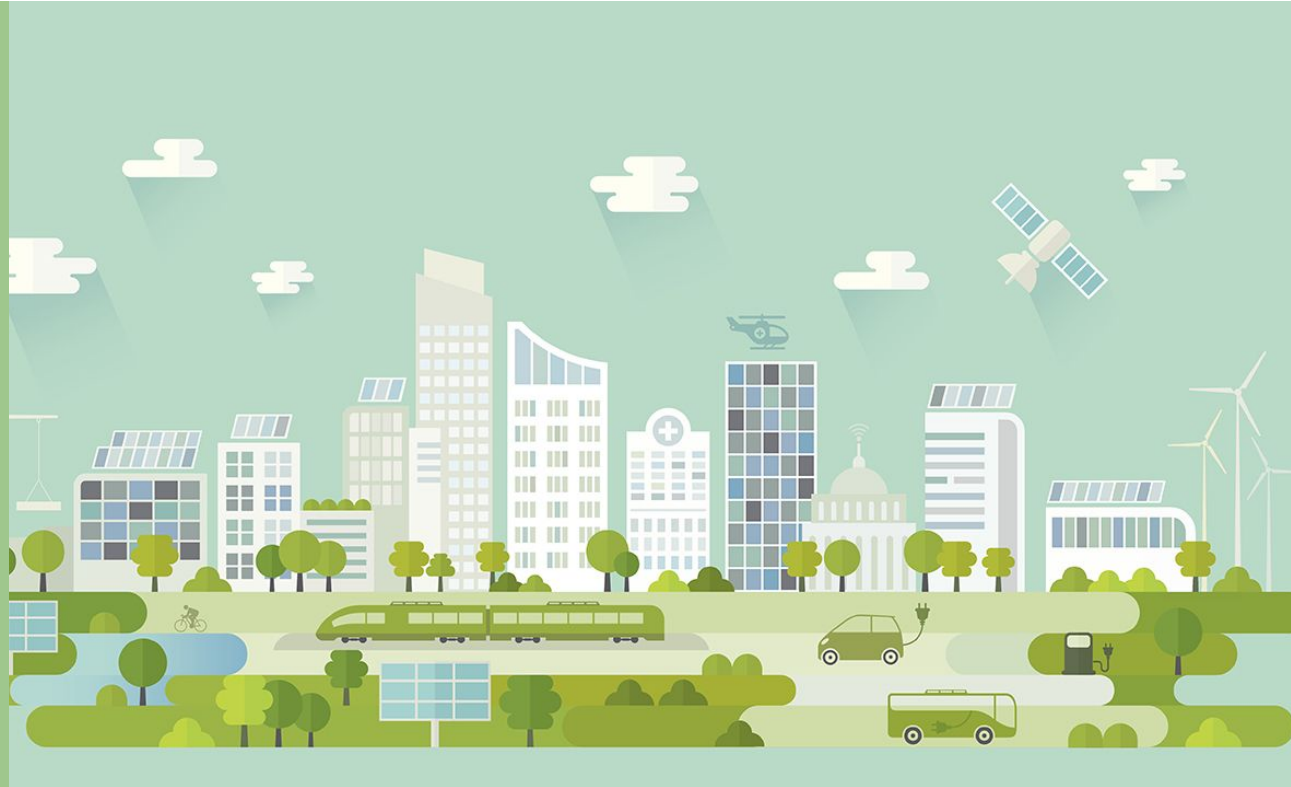
Local government officials will need to implement the policy and provide funding.

Unified School Districts

Los Angeles County's school districts will need to manage funds and supplies.

Sustainable Suppliers

Arrangements will need to be made with local sustainable manufacturers.



— Thanks!



Image & Information Resources

<https://recycled-papers.co.uk/green-matters/lifecycle-of-recycled-paper>

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<https://cerberusprinting.co.uk/sustainable-printing-tips-how-to-be-more-eco-friendly/>

<https://www.conserve-energy-future.com/recycling-materials-lead-environmental-sustainability.php>

<https://smallbusiness.co.uk/where-to-find-green-small-business-grants-2552773/>

<https://www.forbes.com/sites/josephholt/2020/01/28/sustainability-in-business-is-more-an-opportunity-than-a-threat/>

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<https://us.doublepaper.com/business/recycled-versus-sustainable-paper/>

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<https://ecoconsciouslauren.com/blog/ethical-business-7-steps-to-a-eco-friendly-office-space>

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