Houston Tomorrow’s 2036 Vision

On its 200th birthday, the Houston region is home to the healthiest, happiest, most prosperous people in the United States.
THE ORIGINAL GREEN

HOUSTON TOMORROW

Houston
12 January 18

STEPHEN A. MOUZON, AIA CNU LEED
THE NEW URBAN GUILD
Miami Beach, Florida, USA

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Keeping Things for the Long Run

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How Things Operate

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Lots of Controls

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Precision Alignments

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Massive Use of Energy

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How Things Grow

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Things *that have Life*

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WHERE THEY can THRIVE

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How We Get There

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How We Participate

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the Original Green
Unlocking the Mystery of True Sustainability

Stephen A. Mouzon
The Guild Foundation Press
Miami

Foreword by
Robert F. Kennedy, Jr.
What's the Problem?

1. the Absence of Plain-Spoken Sustainability
2. the Supply-Side Focus
3. the Carbon Focus
4. the Achilles Heel of Architecture
5. the Trouble with Consumption
6. the Problem of Growth
7. the Fate of “Ought-To”
8. the Dilemma of Global Warming
9. the Danger of Wishes
10. the 2.5 Billion People

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10. the Absence of Plain-Spoken Sustainability

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9. the Danger of Wishes

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8. **the Dilemma of Global Warming**

[Image of a landscape with snow patches]

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7. the Fate of “Ought-To”
6. the Problem of Growth

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5. the TROUBLE with CONSUMPTION

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Planned Obsolescence

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Throwaway Buildings

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Throwaway Places

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4. the **Achilles Heel of Architecture**

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the Necessity of Uniqueness

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the **ENORMOUS EFFORT**
to **Figure It Out**

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3. the **Carbon Focus**

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2. the **Supply-Side Focus**

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1. the 2.5 Billion People
WHAT CAN WE DO?

10. the Things that Work
9. the Diversified Extent
8. the Diversified Environment
7. the Diversified Means
6. the Expanded Uses
5. the Narrowed Resource Range
4. the Expanded Comfort Range
3. the Localized Operations
2. the Sharing of Wisdom
1. the Involvement of Everyone

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10. the Things that Work

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9. the **Diversified Extent**

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8. the **Diversified Environment**

The Transect is the operating system of the New Urbanism. The idea of the Transect originated in the 1900's as an ecological tool used to describe a series of natural habitats, but transects have existed in nature since the dawn of time.
the Transect

★ **T1**: Natural (the wilderness)

★ **T2**: Rural (fields & meadows)

★ **T3**: Suburban (the outskirts)

★ **T4**: General Urban (neighborhoods)

★ **T5**: Urban Center (main street)

★ **T6**: Urban Core (downtown)
7. the Diversified Means

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5. the **NARROWED RESOURCE RANGE**

[Image of a truck with the website www.originalgreen.org displayed]
4. the Expanded Comfort Range

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CONDITIONING the Buildings First

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CONDITIONING the Humans First
LIVING in Season

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3. the Localized Operations

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Large-Scale Operations

Localized Operations

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Web of Daily Life

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Web of Daily Life

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2. the **Sharing of Wisdom**

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What’s The Delivery System?

★ Public Education’s Way
★ Higher Education’s Way
★ the Specialists’ Way
★ Nature’s Way

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Public Education’s Way

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Higher Education’s Way

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the Specialists’ Way

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NATURE’S WAY

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1. the Involvement of Everyone

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What Is A Living Tradition?

★ Insight
★ Resonance
★ Repetition
★ Adoption

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Toward a Living Tradition

★ Insight
★ Cause
★ Movement
★ Living Tradition
“This is how we build here”

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That which can reproduce and live sustainably is green; that which is incapable of doing so is not green. This is the standard of life. Life is that process which creates all things green.
What Is the Original Green?

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PLACES

SECURABLE FRUGAL

BUILDINGS

SERVICEABLE FLEXIBLE

ACCESSIBLE DURABLE

NOURISHABLE LOVABLE

The Original Green
NOURISHABLE PLACES

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Slope-Adaptable
Scales of Agriculture

★ Employing Farm
★ Family Farm
★ Allotment Garden
★ Edge Yard Garden
★ Courtyard Garden
★ Roof Garden
★ Arbor Garden
★ Wall Garden
★ Balcony Garden
★ Window Garden

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EMPLOYING FARM

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Family Farm

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Edge Yard (Front Yard) Garden

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Courtyard Garden

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Roof or Terrace Garden

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Balcony Garden

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FARMER’S MARKET

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Accessible Places

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Walkability: Alleys

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Walkability: Frontages

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Walkability: Porches

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SERVICEABLE PLACES

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Knitting It Together

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Reducing Property Values of the Adjacent Homes

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Affordability:
Rear Lane Addresses

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Affordability: Mews

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Securable Places

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Lovable Buildings

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Down the Unlovable Carbon Stair-Steps

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Beauty or Lovability?

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BEAUTY or LOVABILITY?

★ Admiration
★ Action
★ Breadth

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Three Sources of Lovability

★ Things that Reflect Us
★ Things that Delight Us
★ Things that Put Us in Harmony

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Things that Reflect Us

★ Reflecting the Human Form
★ Reflecting the Culture of our Groups
★ Reflecting the Culture of our Region
★ Reflecting the Culture of our Nation

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THINGS that Delight Us

★ SENSUAL
★ GROUP
★ MEMORY
★ INTELLECTUAL
★ SHELTERING
★ CHALLENGING

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THINGS that Put Us in HARMONY

★ Mathematical
★ Simplicity
★ Authenticity
★ Natural Processes
★ Natural Laws
★ Natural Forms
★ Harmony with the Region

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Durable Buildings

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GAME-CHANGERS

★ Commodities vs. Proprietary Products
★ Repairable & Patchable
★ Attachment
★ Stretching Carbon
★ Materials
★ Instructed Operation
★ Margin of Error
★ Timeframe

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Getting Commoditized

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More Complication =
More Coordination Problems

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Empire State Building
15 Months Design & Build

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Proprietary Products

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Repairable & Patchable

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No Maintenance = Maintenance-Proof

Charming Patched

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ATTACHMENT TO SHELL

★ MASONRY
★ FRAME
★ CURTAIN WALL
INTERIOR ATTACHMENT

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Materials

★ Aging
★ Threats
★ Sources

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What Will Your Building Look Like as a

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THREATS

★ Rot & Rust
★ Mold & Mildew
★ Wind
★ Fire
★ Flood

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Rot & Rust

★ Wood
★ Species
★ Grain, Now & Then
★ Pressure-Treating Chemicals
★ Glass Infusion
★ Steel
★ Steel-Reinforced Concrete
★ Galvanized Vs. Stainless

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STRENGTH vs. DURABILITY
Mold & Mildew

- Concealed Spaces
- Insulated Roofs
- Insulated Crawl Spaces

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Carving Into Walls

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Carving Into Roofs

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Carving Into Ceilings

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Carving Into Porch Ceilings

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Insulated Roofs

Here, instead of here.
Insulated Crawl Spaces

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Wind

★ Hurricane
★ Tornado

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FIRE

★ Plastic & Vinyl
★ Wood
★ Steel
★ Concrete
★ Stone

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Vinyl Siding Blamed in House Fire's Spread

Par LocalNews-GrabNetworks

81 vues
**Flood**

★ **Finishes**

★ **Gypsum Board**

★ **Carpet**

★ **Substrates**

★ **Particle Board/Wafer Board**

★ **Plywood**

★ **Structure**

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Storm Surge

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Material Sources

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Instructed Operation

Self-Evident Operation

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Margin of Error

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Timeframe

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Preserving Memory

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Flexible Buildings

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Proximity to Street

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Simplicity of Massing

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Simplicity of Circulation

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Pipes

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Frugal Buildings

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GAME-CHANGERS

★ Condition People First
★ Smaller & Smarter
★ Light Wings
★ Less Processing
★ Recycle vs. Reuse
★ Multiple Uses vs. Redundancy
★ Discarding Interior Conventions
★ Putting Buildings Back to Work

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CONDITIONING BUILDINGS FIRST

CONDITIONING PEOPLE FIRST

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Condition People First

Most Efficient Equipment

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Condition People First

Beyond Heating & Cooling

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**Public Realm**

- Streets
- Plazas
- Squares
- Greens
- Parks
- Playgrounds

Condition People First

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PRIVATE REALM

★ COURTYARDS
★ GARDENS

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Smaller & Smarter

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Smaller & Smarter

Double the Size – Half the Family

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Smaller & Smarter

Small is the New Luxury

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Smaller & Smarter

Expandability

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SMALLER & SMARTER

SHOTGUN EXPANSION

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Smaller & Smarter

Booth/Table & Bed Alcove

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Smaller & Smarter

Insulating Bed Alcove

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Insulating Bed Alcove

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Smaller & Smarter

Nooks & Armoires

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Narrow Footprint

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Smaller & Smarter

Under-Bed Storage

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In-Bed Storage

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Smaller & Smarter

Thick Walls

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Smaller & Smarter

Boarded Walls

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Smaller & Smarter
Boarded Walls

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Smaller & Smarter

Carve Into Walls/Pocket Doors

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Smaller & Smarter

Shelf Walls

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Smaller & Smarter

Footprint of the Garden

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Highly Processed Materials

Less Processed Materials

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Recycle vs. Reuse

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Multiple Uses vs. Redundancy

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Discarding Interior Conventions

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Putting Buildings Back to Work

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Be Frugal Naturally First

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THEN BRIDGE THE GAP

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The Original Green

PLACES

- Nourishable
  - Organic Farming

- Accessible
  - Compact & Walkable

- Serviceable
  - Diverse

- Securable
  - Identity

BUILDINGS

- Lovable
  - NU: Codes
  - NU: Living
  - NU: Traditions

- Durable
  - NU: Living
  - NU: Traditions

- Flexible
  - NU: Living
  - NU: Traditions

- Serviceable
  - NU: Living
  - NU: Traditions

- Frugal
  - Gizmo
  - Green
What Can I Do?

10. All the Other Stuff
9. Don’t Succumb to the No-Maintenance Myth
8. Choose It for Longer Than You’ll Use It
7. Smaller with Many Uses
6. Choose Community Instead of Gates
5. Operate Naturally
4. Raise a Victory Garden
3. Build Outdoor Rooms
2. Live Where You Can Walk to the Grocery
1. Make a Living Where You’re Living

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10. Do All the Stuff You Already Know

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9. Give a Gift to the Street

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8. Choose It for Longer Than You’ll Use It

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7. **Choose Smaller Stuff with Double Duty**

[Image of a table and chair with some clay items on it]

[Website: www.originalgreen.org]
6. Live Where Friends Visit Unannounced

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5. Operate Naturally

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4. **Raise a Victory Garden**

[Image of a Victory Garden with a red wooden platform and rock borders]
3. Build Garden Rooms in Your Yard

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2. Live Where You Can Walk to the Grocery

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I. Make a Living Where You’re Living

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