What’s a green building consultant doing in San Juan with all you SIP peeps?
WHO AM I?

TREE HUGGER

WOOD LOVER

EFFICIENCY NUT
WHO AM I?

ARCHITECT (by training)

TEACHER/ADVOCATE

WRITER
1998: Efficient Wood Use in Residential Construction

2009: ENERGY FREE Homes for a Small Planet by Ann V. Edminster
1998

Efficient Wood Use in Residential Construction

A Practical Guide to Saving Wood, Money, and Forests

Chapter Contents

2 Stressed-Skin Insulating-Core Panels

The Bottom Line

Practical Considerations

Costs & Savings

Other Benefits

Limitations

Resources

Building Checklist

References

Training Providers

Suppliers

SIPs!
I ❤️ SIPS BECAUSE they...

- save WOOD
- save ENERGY
- save TIME
- increase PROFIT
- are STRONG

- EFFICIENCY!
- ECONOMICS!
- RESILIENCY!

THEY’RE GOOD FOR PEOPLE & THE PLANET
I ❤️ ZNE HOMES BECAUSE they’re…

- EFFICIENT!
- ECONOMICAL!
- RESILIENT!

THEY’RE GOOD FOR PEOPLE & THE PLANET
FUNNY THING ...

ZERO ENERGY HOMES!
INVENTORY
ZERO-ENERGY HOMES
ARE YOU HERE? Add your projects at
http://netzeroenergycoalition.com/zero-energy-case-studies/
408 projects
3,339 buildings
6,177 units ... and counting!
PARTNER ORGANIZATIONS:

- International Living Future Institute
- DOE ZERH Program
- Earth Advantage Institute
- North American Passive House Network
- PHIUS
- Passive House CA
- Thousand Home Challenge
- Northeast Sustainable Energy Association
- Energy & Environmental Building Alliance
- SIPA
ZERO ENERGY HOMES by UNIT TYPE

3,071 MULTI-FAMILY UNITS

2,971 SINGLE-FAMILY UNITS
WHERE ZERO ENERGY is happening FASTEST

CALIFORNIA IN THE LEAD
Top states have zero energy policies and programs to drive the market.

1540 CALIFORNIA
220 MASSACHUSETTS
212 ALBERTA, CA
206 ARIZONA
168 NEW YORK

CALLING ALL BUILDERS!
These are the states with the most zero energy builders. This is where you’ll find the market leaders and innovators.

115 CALIFORNIA
46 OREGON
31 CONNECTICUT
27 MASSACHUSETTS
25 MAINE
TOP 10 STATES by # of ZE BUILDERS

- CA, 1538
- MA, 219
- CT, 212
- AB, 206
- NM, 168
- AZ, 114
- NY, 85
- OR, 60
- TX, 16
- ON, 15

ALL OTHERS, 306
ZERO ENERGY is happening at COMMUNITY SCALE

Fujisawa Sustainable Smart Town, Japan

Pecan Street, Austin, TX

FortZED, Ft. Collins, CO

Lancaster, CA
ZERO ENERGY is GLOBAL

EUROPE (Norway)

SOUTH AMERICA (Brazil)

ASIA (Japan)

AFRICA (Nigeria)
UPCOMING INITIATIVES

NORTH AMERICAN RESIDENTIAL INVENTORY

NZEC-NESEA CASE STUDY DATABASE

DATA MINING
- How many ...
- What kind?
- Where?

ZE RESOURCE CLEARINGHOUSE

ZE MARKET AWARENESS CAMPAIGN

INFO-SHARING FACILITATION

SUMMITS
CONFEERENCE TRACKS
WEBINARS

CURRNT

2016-17
Add your projects at http://netzeroenergycoalition.com/zero-energy-case-studies/
Net-Zero
ENERGY COALITION

DATABASE CASE STUDIES INCLUDE:

- Photo gallery
- Project team
- Envelope specifics
- Mechanical equipment

We’d love to have this SIP+ZNE home in our database … and YOURS!

- Energy performance
- Location details
- Ratings & awards
- Design process
Go ZERO!

Thank you!