

FE Minute

Presented by Steve Beyers

*Ithaca Green
Building Codes
are coming!*

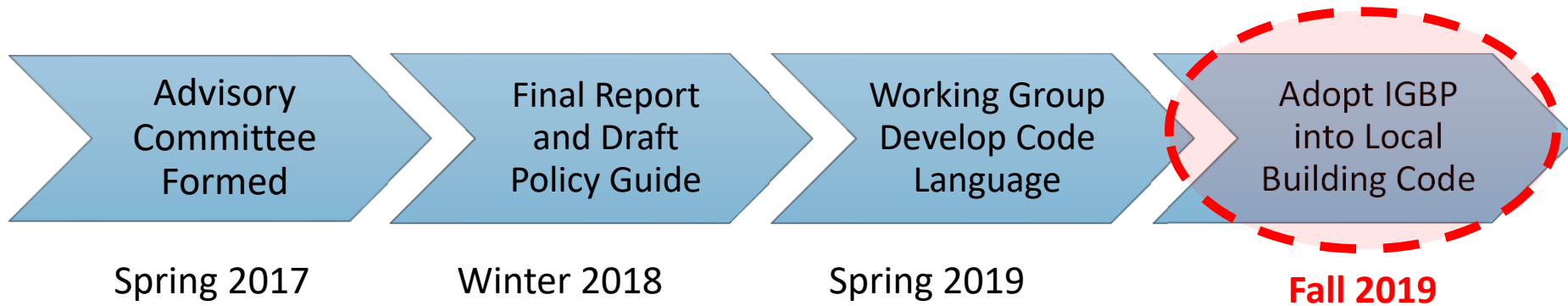


*It's a potential Green
Invasion!!*

Wake Up!



How did the **Green Building** Policy get here? A spaceship from Area 51???



RANDALL + WEST



Is it friendly???



- August 2019 **DRAFT Ithaca Energy Code Supplement released for public comment**. Comments due by September 30.
- Just like our CAP, **it helps the community battle climate change!**
- BUT compliance will be challenging; the draft strongly favors electrification, bashing our “gas-based” district energy infrastructure. **Our life support systems are being targeted!**

What might the future hold?



Cornell Policy

- \$5M + projects: LEED Silver; energy use 30% below code!
- Climate Action Plan (same goals – but different methods)

Ithaca Green Building Code (As proposed)

- New construction & major renovations (req. for building permits)
 - 2020: **40% – 50% Reduction** in Greenhouse Gas (GHG)
 - 2025: **80% Reduction**
 - 2030: **Net Zero!** (total annihilation of all GHGs)
- City and Town projects are at risk – *but State projects are immune!*
- May arrive as early as mid-2020...



Can Cornell building projects survive???

Three chances of survival...



“Easy Path”

- We might survive using this path **in 2020**, IF we can negotiate fair interpretations of alien commands. **By 2025 we are toast!**

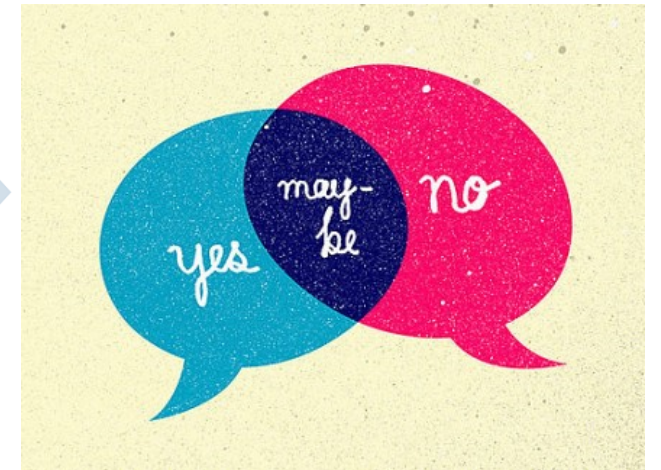




Whole Building Path(s)

(LEED or Passive House)

- We might survive w/sacrifice AND fair negotiation of alien commands through 2030. **After that... may have to destroy our infrastructure to survive (or achieve CAP goals)...**





Goal
Based
Path

(Originally
Proposed by
Cornell)

- Based on altered language in the Draft Code, **this path is entirely blocked** to Cornell using our current life-support systems.





Questions?

www.ithacagreenbuilding.com

