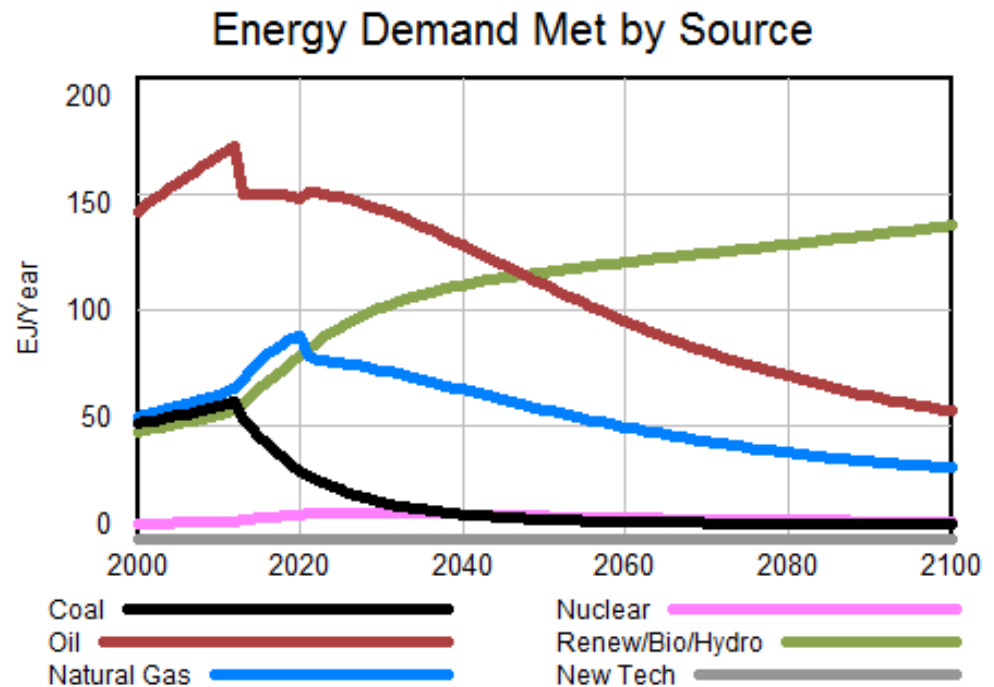


# Team Zissou: Shut Off Spigots

## Our recommendations

- **ST GDP: 2.7%, LT GDP: 0%**
- **Energy efficiency: 3%**
- **REDD: 1**
- **Other gases: 1**
- **Emissions price: \$10**
- **Coal price: \$5 in 2012**
- **Oil price: \$5 in 2012**
- **Gas price: \$5 in 2020**
- **Renewable subs: \$5 in 2012**
- **Renewable brkthrhg: 20% in 2014**

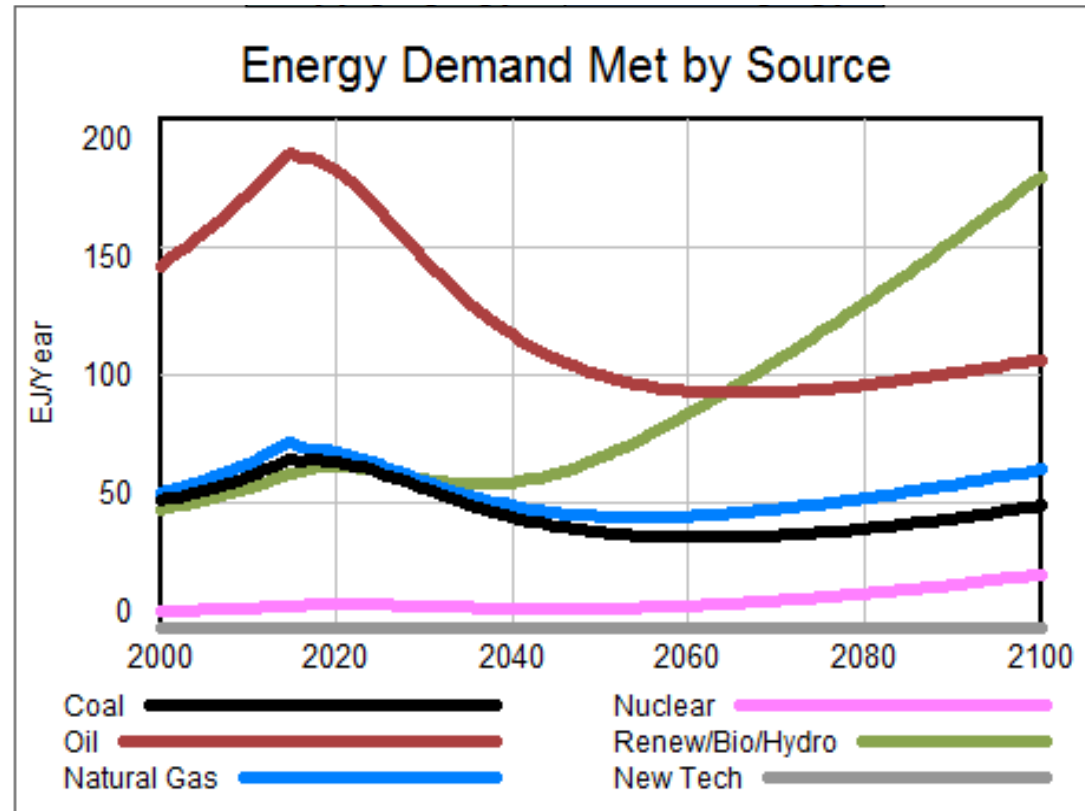


2100 Temperature Increase = 2.0 C

# Team Goldilocks: Efficiency, Reforestation, and Carbon

Our recommendations

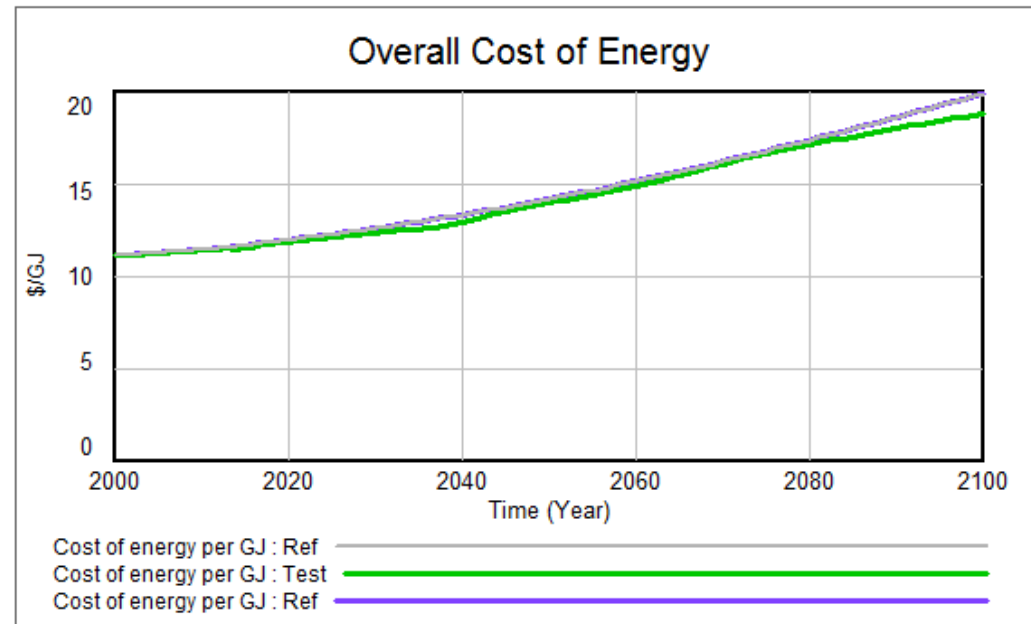
- **Energy Efficiency** 0.1
- **REDD** 0.9
- **Other Gases** 0.9
- **Emissions price** 90 \$/ton  
**start year** of 2015  
**time to achieve** 40 years
- **Breakthrough cost reduction** in renewables  
0.3 with **breakthrough year** 2025
- **Subsidy** Coal, Gas (-2), and Oil (-1) **start year** 2015 and **stop year** 2100



2100 Temperature Increase = 2.3 °C

# Death by PowerPoint: Other Gases

- **Carbon emissions price:** \$50 (20 yr. ramp from 2016)
- **Performance standard:** 50 at 2036
- **Energy efficiency:** 0.05
- **Renewables subsidy:** 5 in 2020, 0.05 breakthrough in 2030
- **Other gases:** 0.7
- **Coal Price:** -10 in 2016

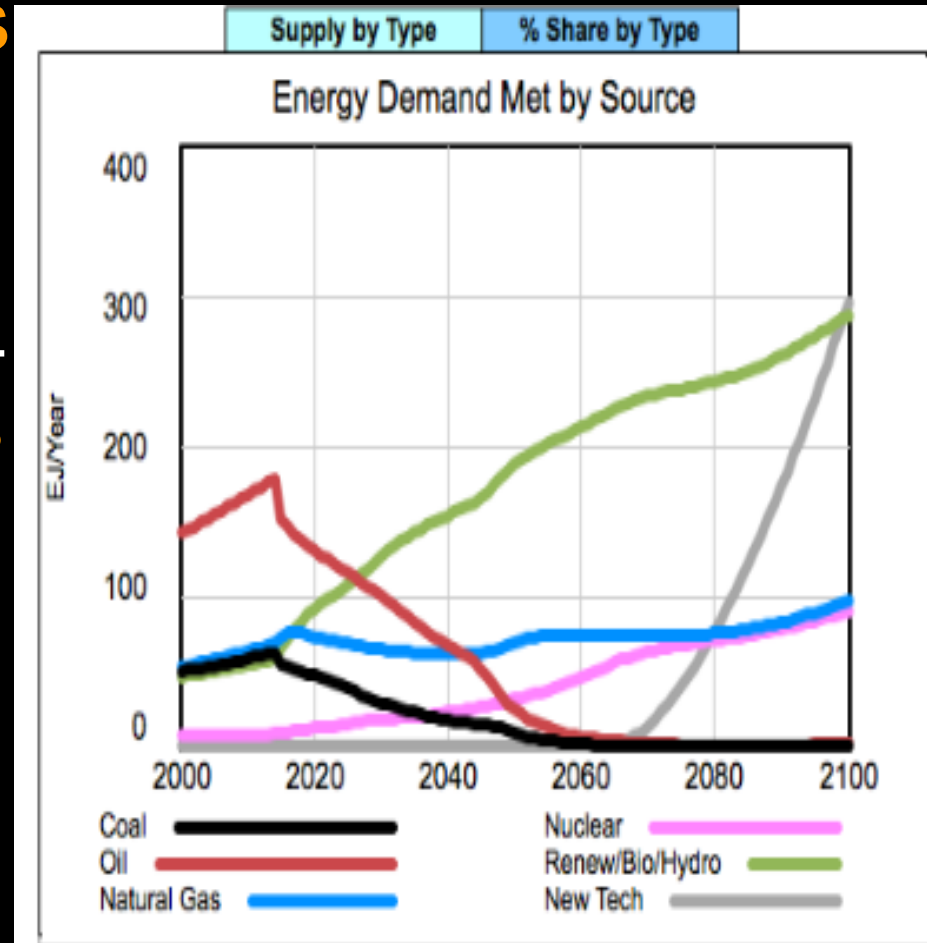


**2100 Temperature Increase: 2.6 °C**

# en-tensity

## carbon control(s) the economy recommendations

- **emissions price** of \$56/ton **starting in 2013** with 10 year phase-in
- **coal tax** of \$8/ton starting in 2014
- **GDP** growth of **3% (short)** & **2.5% (long)**
- **renewables breakthrough** by 2025 with **cost reduction** of 45%
- **technological breakthrough** by 2050 with **cost reduction** of 95%
- **other gas reduction** by 90%



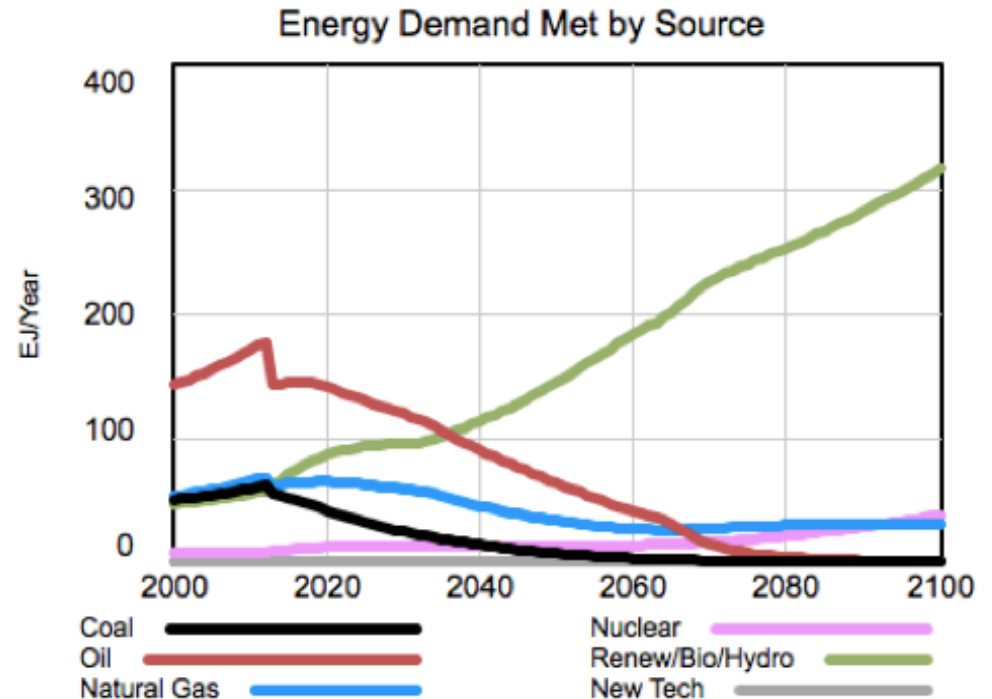
2100 Temperature Increase = 2° C

# Team EconoPower:

## Tech, Efficiency and Standards

Our recommendations

- **Renewable energy subsidies** of \$4/GJ for 5 years
- **30% renewable energy cost reduction** by 2020
- **Energy efficiency** improvements of 7% per year to reduce demand
- Expire **legacy subsidies** and tax breaks for oil and gas production in 2012
- Establish 2032 **performance standards** and graduated emissions costs over five years beginning in 2017

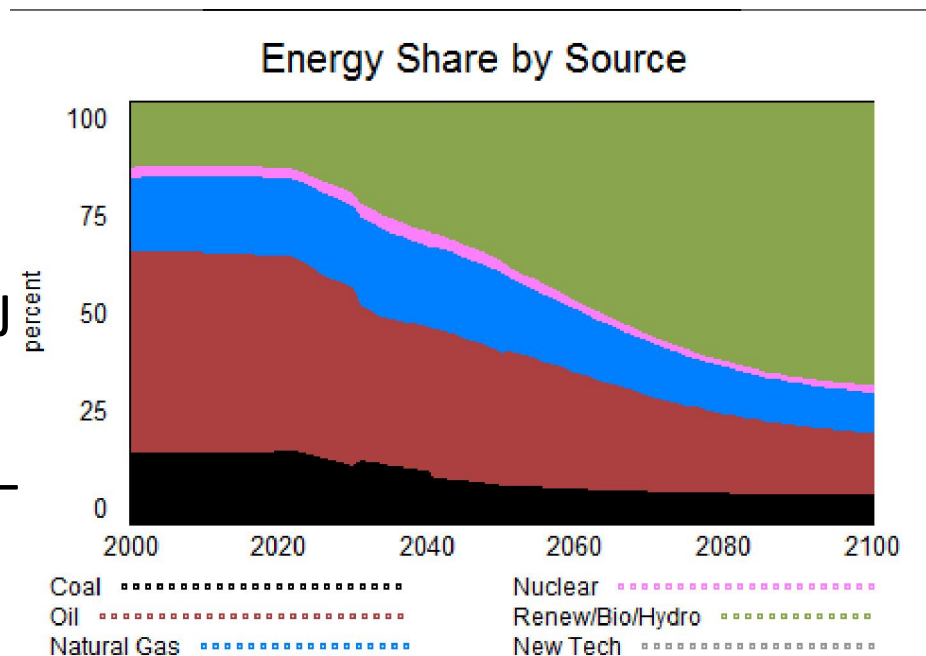


2100 Temperature Increase = 2.1 °C

# The Global Panel: The Upcoming Green Transition

Our recommendations:

- **Energy Efficiency AIRNC: 7%**
- **REDD: 0.9**
- **Other gases: 1**
- **2012: Subsidize renewables \$7/GJ**
- **2020: C-emission taxed \$90/Ton**
- **2025: Renewables breakthrough – Cost ↓40%**
- **2030: Oil Price ↑\$7/GJ**
- **2040: Coal/Bio Price ↑\$7/GJ**
- **2050: Gas Price ↑\$7/GJ**
- **GDP forecast not affected**



**2100 Temperature Increase = 2.0 degrees C**