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 brkthrgh:** 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