

# Climate, Society & Energy: Our True Future Prospects



Everybody's reality WILL BE Your concern too

***awareness . . . of***

**global warming & climate change**

***in order to . . .***

Connect **everybody's** reality to **My unique** reality  
– My **privately perceived** reality

***because . . .***

**Everybody** will be **out of control**  
– impacted by events out of **societal & global** control

***and in reality . . .***

There is **no** such thing as a **unique private** reality  
– just a **privately perceived** reality

**• • •**

**Everybody's reality/ Effect****Applies to Your concern****Applies NOT to Your concern**

1. **severe** droughts **increase**

**starvation & thirst, crop destruction, deforestation, desert propagation, food & water prices up, uninhabitable areas**

**i don't live there, i can afford food & water prices**

2. **thunderstorms increase**

**\* (e.g. Sandy / NY)**

**towns eradicated, flooding, coastal & city inundation\* insurance & bank loans up**

**i don't live there, i can afford insurance & bank loans**

3. **forest fires increase**

**deforestation, villages, houses, buildings lost, insurance & bank loans up**

**i live in a city / non-forested environment, i can afford insurance & bank loans**

4. **oceans & lakes acidify**

**food chains broken - also land animal food chains, starvation, food prices up**

**i don't eat much sea food, i can afford food prices**

5. **coastlines inundate**

**cities, ports & harbors, infrastructure null, nuclear hazard, oceans = sewage, insurance & bank loans up, financial sector & Stock Exchg dissolve**

**i don't live near the coast, i can afford insurance & bank loans, i've got cash & assets**

6. **social services dissolve**

**no public schools/universities, nursery or delivery care, sick or health care, NI, rescue serv, legal aid. Corruption increase.**

**i'll find a way, i guess... i always do :)**

7. **city-size** refugee camps, endless refugee streams, anarchy, civil & int'l war

**Police & Military protection insufficiency, armed bandit gangs, Al-Qaeda take-over?**

**won't be that bad, i think + i can afford personal protection & armoring :)**

# There is One True Remedy

Directly **Lowering** the levels of **Carbon-dioxide (CO<sub>2</sub>)**, **Methane (CH<sub>4</sub>)** & other **Greenhouse Gases (GHGs)** in the **atmosphere**,  
**Capturing CO<sub>2</sub>, CO** & other **GHGs** out of **smokestacks** at powerplants & industries, **transforming** it into **CCR\* fuels**,

Making **New energy** out of it:

**Clean energy,**

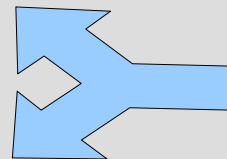
**Abundant energy,**

**Cheap energy,**

**Eternal energy,**

**Climatically & Socially Responsible energy,**

**Replacing Fossil energy.**



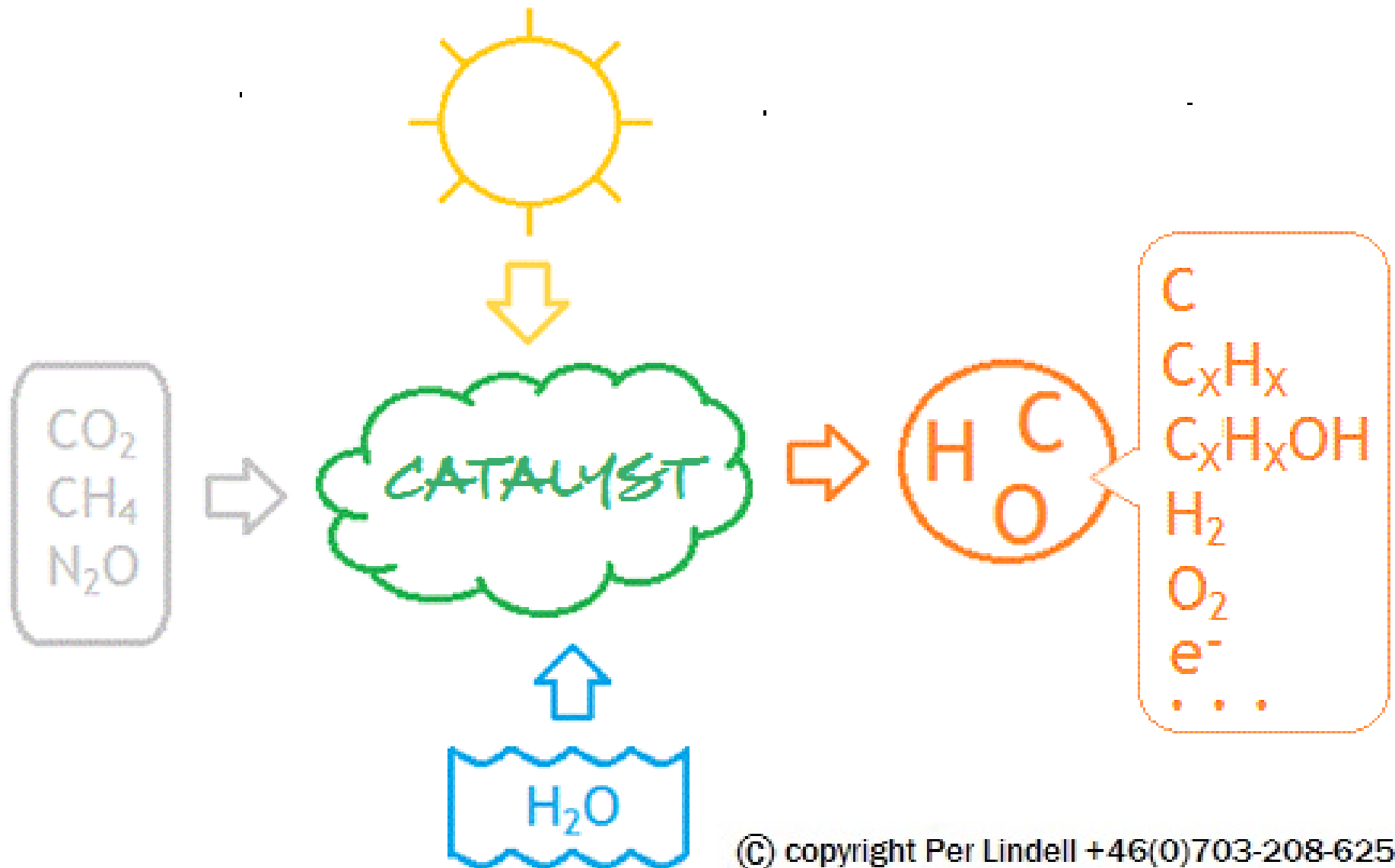
**\*Carbon Capture & Recycling**

**Arphosis.com & ClimateLeaks.org** offer that **One** True Remedy!

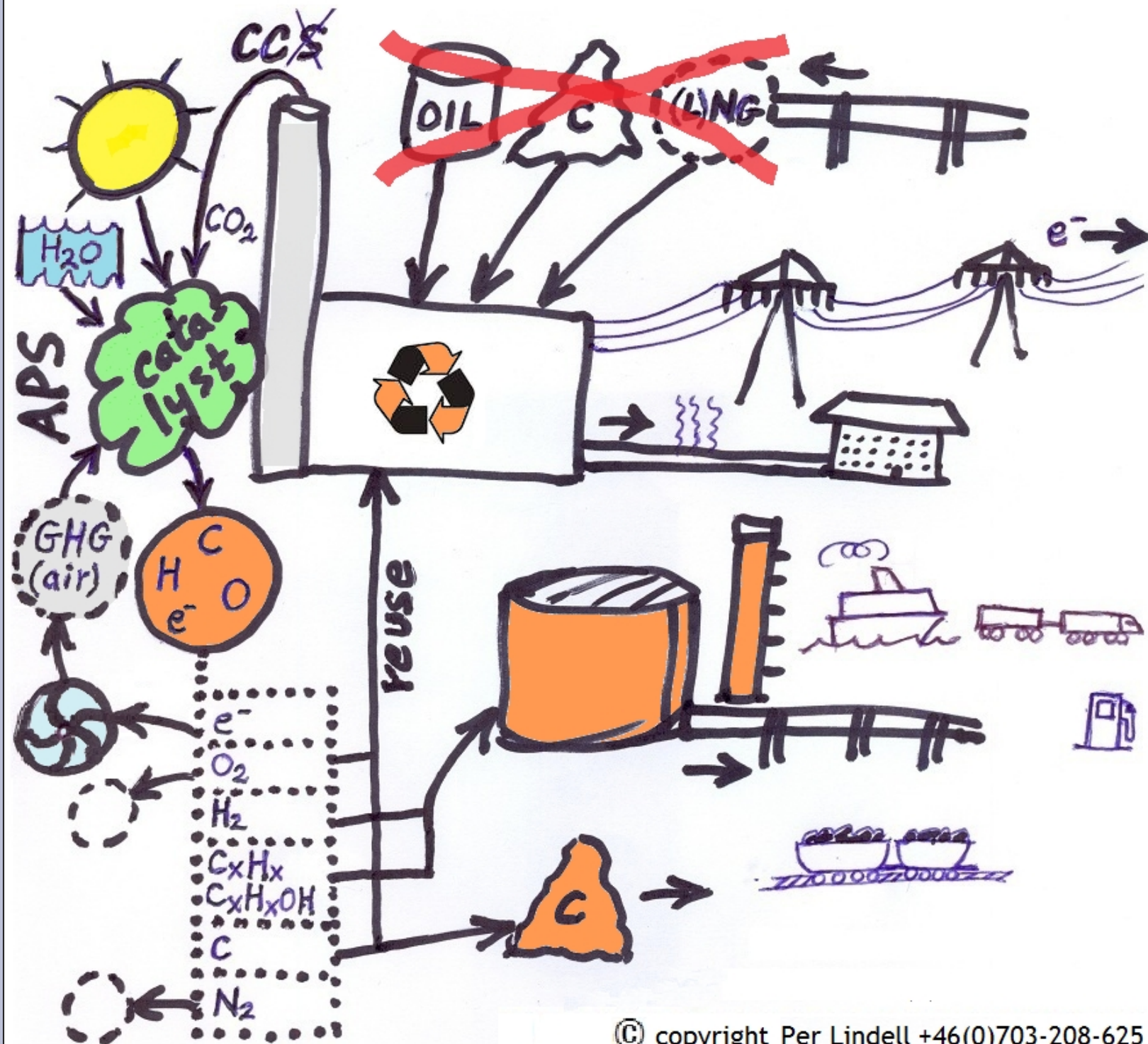


# There is One True Remedy

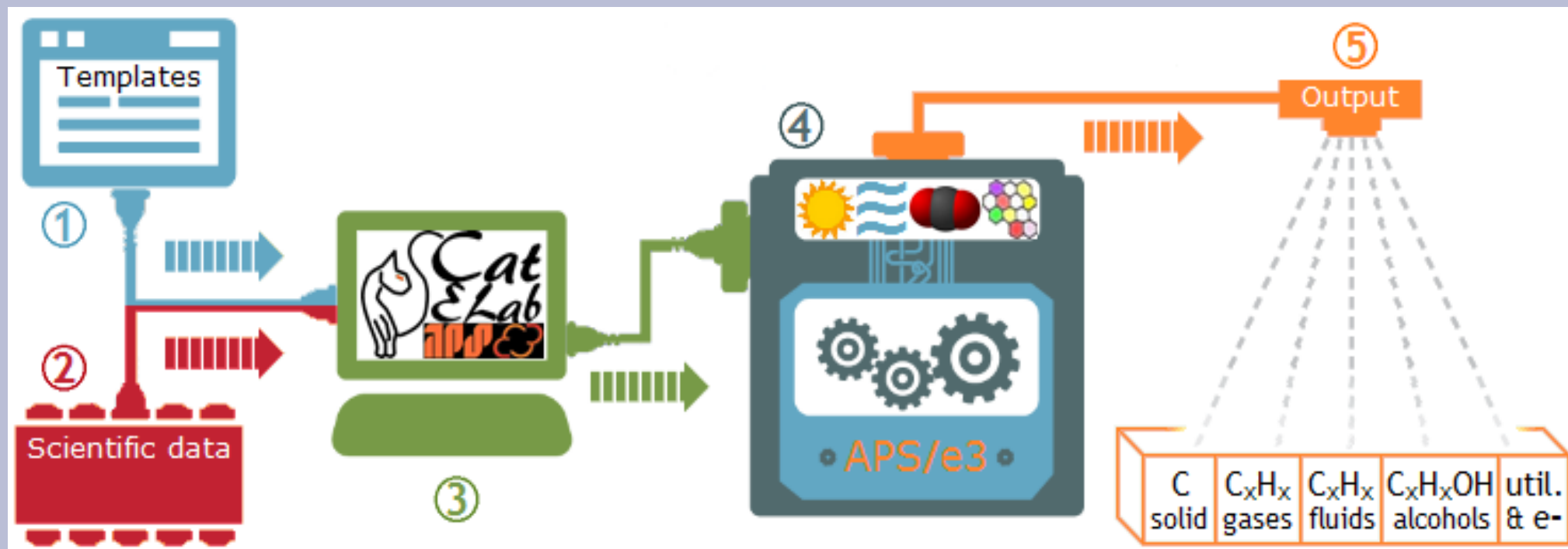
## ARTIFICIAL PHOTOSYNTHESIS OUTLINE



# ARTIFICIAL PHOTOSYNTHESIS APPLIED



# There is One True Remedy



**CatELab** research software integrated with **APS/e3** in iterative, eternal, climate neutral processes:

- ① » **templates** – rules, patterns, formulae, (cor)relations, connotations, behavior, guidelines, ...
- ② » **scientific data** – the universe of knowledge & know-how basics applicable to this field
- ③ » **CatELab-APS/e3 software** – the "reactor" & simulator **software for Catalyst elaboration**
- ④ » **APS/e3 processes** – utilize Applied Artificial PhotoSynthesis, converting GHGs into **fuels & electr**
- ⑤ » **output** – tailored fuels = energy extracted & converted from GHGs: **C, C<sub>x</sub>H<sub>x</sub>, C<sub>x</sub>H<sub>x</sub>OH, util-prod, el**



# This is the One True Remedy

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The banner features a blue sky background with white clouds. Several molecular models are scattered across the scene, including a large, complex organic molecule with a central green and blue ring system, and several smaller, simpler molecules. In the top left corner, there is a logo for 'Cat & Lab' featuring a stylized cat face and the text 'Cat & Lab' in a bold, black font. In the top right corner, there is a small yellow and blue cross icon. In the center, the text 'Arphosis.com - Applied Artificial PhotoSynthesis Initiative Software' is written in a stylized, colorful font. At the bottom, there is an orange banner with the 'Cat & Lab' logo on the left, the text 'Arphosis.com' and 'environ-mental as anything...' in the middle, and 'CatELab-APS/e3' and 'the in reality only working long-term solutions!' on the right. A small circular logo with a red and blue design is also visible in the bottom right corner.

**Cat & Lab**

*Arphosis.com - Applied Artificial PhotoSynthesis Initiative Software*

Arphosis.com ● environ-mental as anything...

CatELab-APS/e3 ● the in reality only working long-term solutions!



## This is the One True Remedy

This is our planet, we must take care of it – it's all we've got . . .

The Fight Against Ignorance is a fight that must be won  
– or else our world is lost.

We can not rely on politicians to do what really must be done  
– cause politicians will keep doing what's best for themselves.

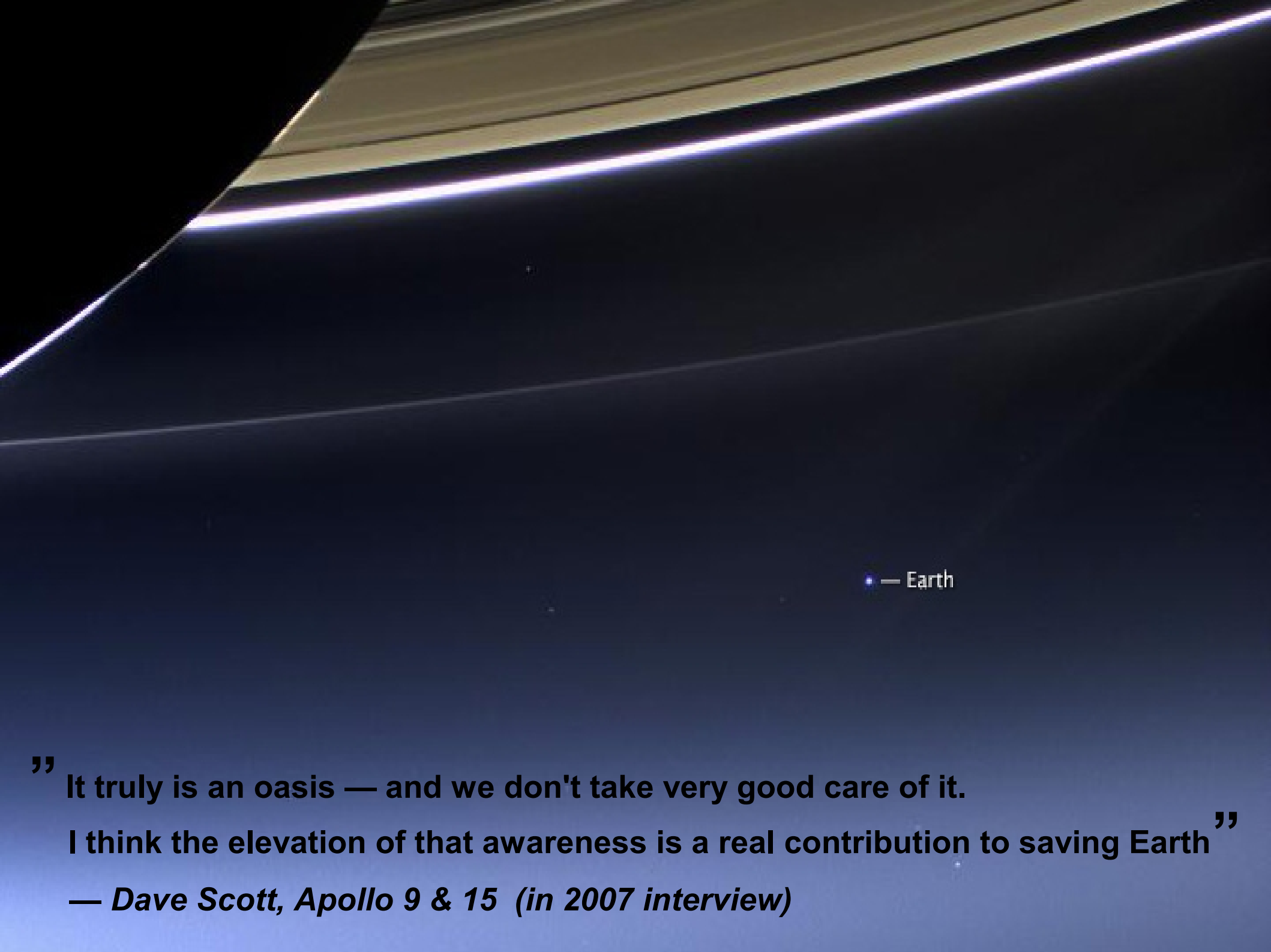
Therefore we must induce demand through the Enlightenment of  
Caring Common People »

» from demanding products recycled out of greenhouse gases,  
markets will spring for cheap, abundant, clean, fossil-free fuels

» thus halting & reversing the atmospheric levels of CO<sub>2</sub>, CH<sub>4</sub> &  
other GHGs and thereby also ocean & lake acidification, animal  
extinction, food chain breaks, global warming & climate change

Arphosis.com & ClimateLeaks.org offer the One True Remedy

DO what YOU Can Do Today – Today!! Join in & Spread the Word



— Earth

” It truly is an oasis — and we don't take very good care of it.  
I think the elevation of that awareness is a real contribution to saving Earth ”  
— *Dave Scott, Apollo 9 & 15 (in 2007 interview)*