

# e-Government

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Faculty of Education, DMSE

University of Botswana

Research Group

e-Government Research Group 2004



Kyoto Gakuin

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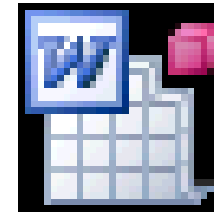


# MANIFESTO

The **e-Government Research Group** is a free and open multiracial, interdisciplinary community. Members of the Group do not have any obligations, but one – **the Truth**. Everybody could join or leave the Group at any time. Openness and transparency are the only rules of the Community. No religious, philosophical or ethical bias governs the Group. Members are equal in discussions and decision making – the Management of the Group is the Group itself. Every member could voluntarily contribute to the prosperity and development of the Community as a whole and the Community stimulates and advertises the best of individual members. No restrictions on the Group's materials – any achievement is open for a new discussion and further enrichment.

# MAIN TOPICS

1. e-Learning in Tertiary Education
2. e-Taxation
3. Prime Numbers and Data Security
4. e-Planning
5. e-Government/Environment/Kyoto Protocol



Kyoto 2008



# **ICT, ELECTRONIC WASTE AND EXHAUST EMISSIONS**

**15<sup>th</sup> – 16<sup>th</sup> April 2008, Kyoto, Japan**

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# The Economic Model

Directive 2002/96/EC of the European Parliament

**Not Enough!!!**

**During a war, big or small, Central Planning is an essential economic tool of the state management**

Are we at a war?

**YES !!!**

. . . a war with ourselves  
to save our planet Earth . . .  
The biggest ever war on this planet.

## **Conclusion:**

**The biggest ever war requires  
Central Planning, for example,  
The Kyoto Protocol**

This is an emotional  
proof of the Model claim

**Is the Model not obsolete?!?**



# A Contemporary and Impartial Proof of the Model Claim

**Bush to pitch plan for Fed**  **Associated Press**

By MARTIN CRUTSINGER, AP Economics Writer  
1 minute ago (29/04/2008, 09:23 a.m.)

WASHINGTON - The Bush administration is proposing a sweeping overhaul of the way the government regulates the nation's financial services industry from banks and securities firms to mortgage brokers and insurance companies.

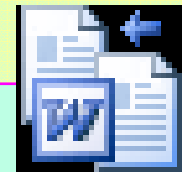
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**The proposal would allow the Fed, in its new role as "market stability regulator," to dispatch examiners to check the books not just of commercial banks but of all segments of the financial services industry.**

**The plan would create a national regulator for the insurance industry, which is now largely governed by the states, and would create a Mortgage Origination Commission to try to address the abuses exposed in the current tidal wave of mortgage defaults.**

**If there is a disagreement over the name of the used economic model, let us borrow the newest financial approach of the US administration and apply it to the activities of ICT all over the world.**



Chapter 9

**Central Planning helps us challenge the setbacks of ICTs:**

- ICT revolution turned into a fashion show**
- Abuse of technology and novelty of design (demo)**
- New software products vs. Reality**

## **Solutions**

**Increased taxation of new product, up to 1 year**

**External evaluation of design novelty**

**Free basic software configurations for, at least,**

**5 year old hardware**

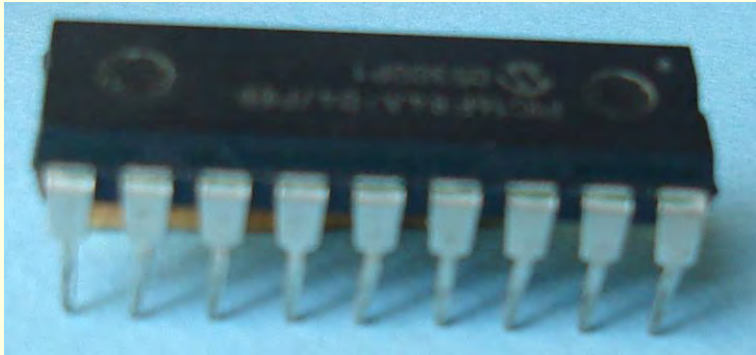
**Killing Initiative and Business!?!**

**Killing the Planet Earth!?!**

# ICT and Exhaust Emissions



**PIC16F628**



**ICT to take care of**

# Engine Control Unit (ECU)

## ECU is a piece of ICT equipment

ECU cuts off the fuel supply if RPM are maximum, **but it should depend on the atmospheric pressure as well.**

The engine output is proportional to RPM, **but if the increment of RPM is less than a pre-set value, then fuel increment should be reduced to Zero.**

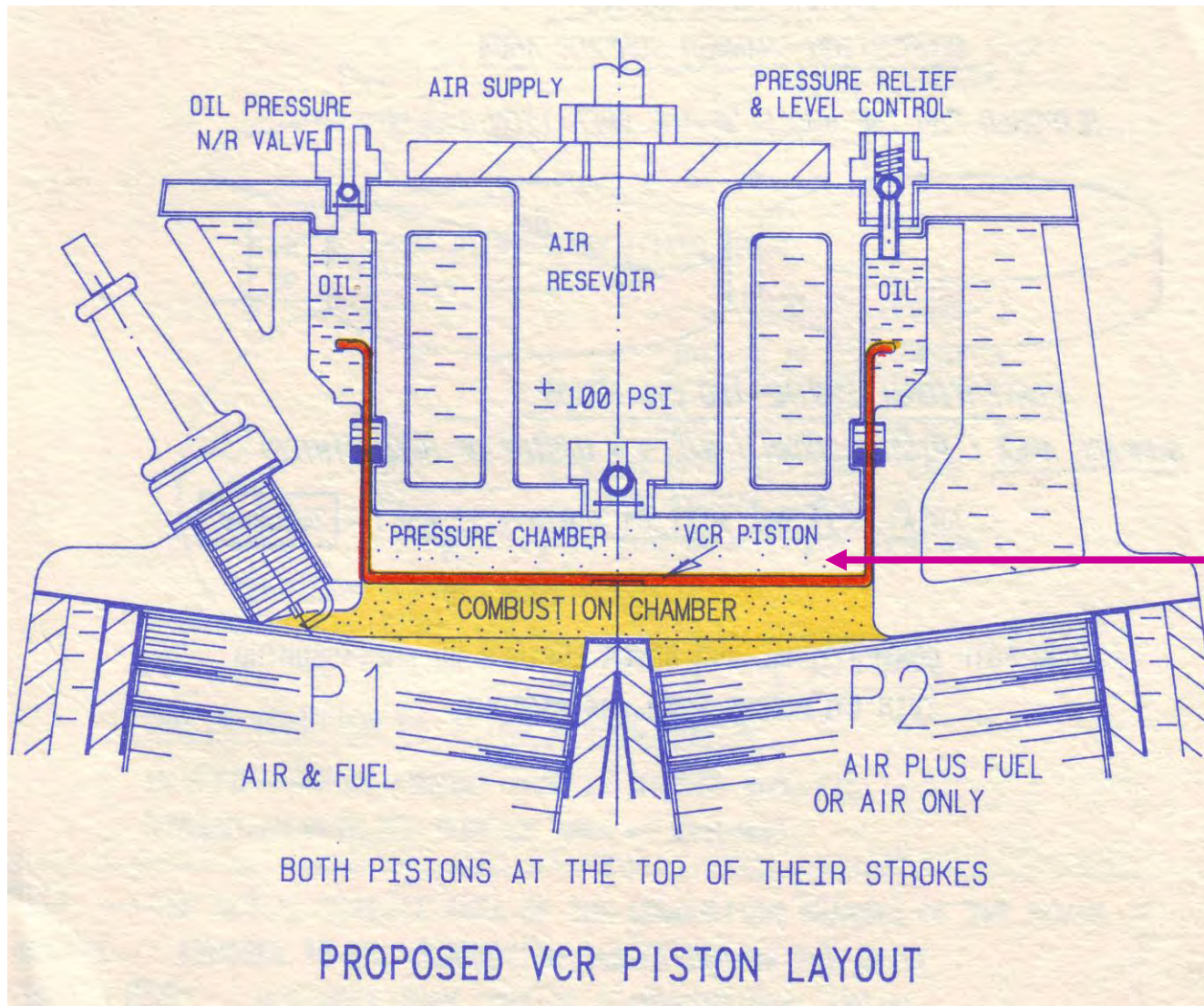
**Driving in towns should be fully controlled by ICT monitoring equipment – Intelligent Transport Systems**

RPM = Revolutions Per Minute



# More efficient engines and ICT

United States  
Patent: 4503815,  
1982, R. M. Amm



ICT and the  
control of  
Pressure  
Chamber

# Re-thinking the engine efficiency

1993

SPEED r/min.	exhaust temperatures	
	<u>KAWASAKI</u> 125 cc °C	<u>S C V C R</u> 220 cc °C SAVING
2000	175	97 45 %
3000	205	120 42 %
4000	255	150 41 %
5000	305	195 36 %

ACTUAL RECORDED TEMPERATURES

**New Industrial Standard:  
All car engines should be VCR compliant**





# Latest from the VCR Club

Object VCR  
Engine-Animation



VCR Plan

# References

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**LET US PROTECT PLANET EARTH BY ALL MEANS**

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