

Doeltreffende Energie



RENEWABLE & SUSTAINABLE
ENERGY STUDIES

Wat kan ons doen?

- Eskom **ruil** gebruikte **gloeilampe** vir **CFL's** (kompakte fluoresserende gloeilampe)
- Eskom bied **afslag op sonkrag-waterverhittingsisteme**
- Meeste **moderne toestelle**, van motors tot ketels, is baie **meer energiebesparend** as ouer toestelle



Energie Besparing

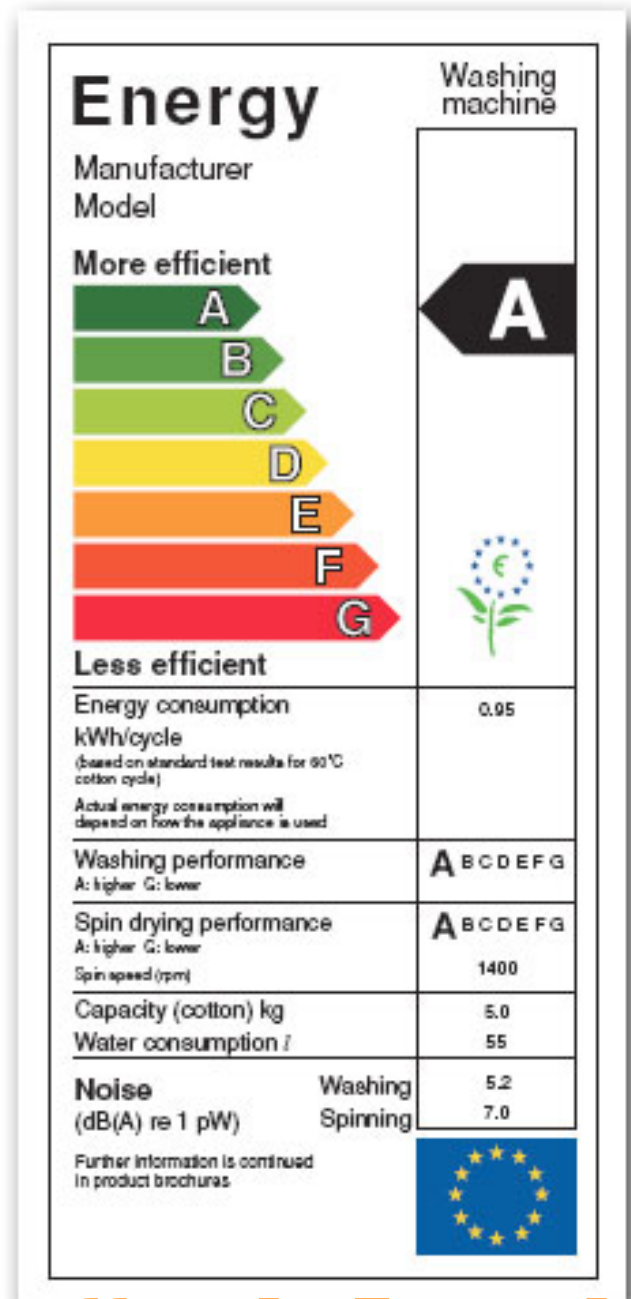
Energiedoeltreffende toestelle

Word ontwerp om so
min as moontlik
energie te vermors

Doeltreffende Energie
is:
'meer met minder'



Do more.



Doeltreffende Energie

Energiedoeltreffende Motors

Hibriede motors het 'n battery-aangedrewe elektriese motor en 'n petrolenjin

- Lae brandstofverbruik
- Lae CO₂ vrystelling



Toyota Prius 2009

Toyota Prius

Die wêreld se eerste hibried motor



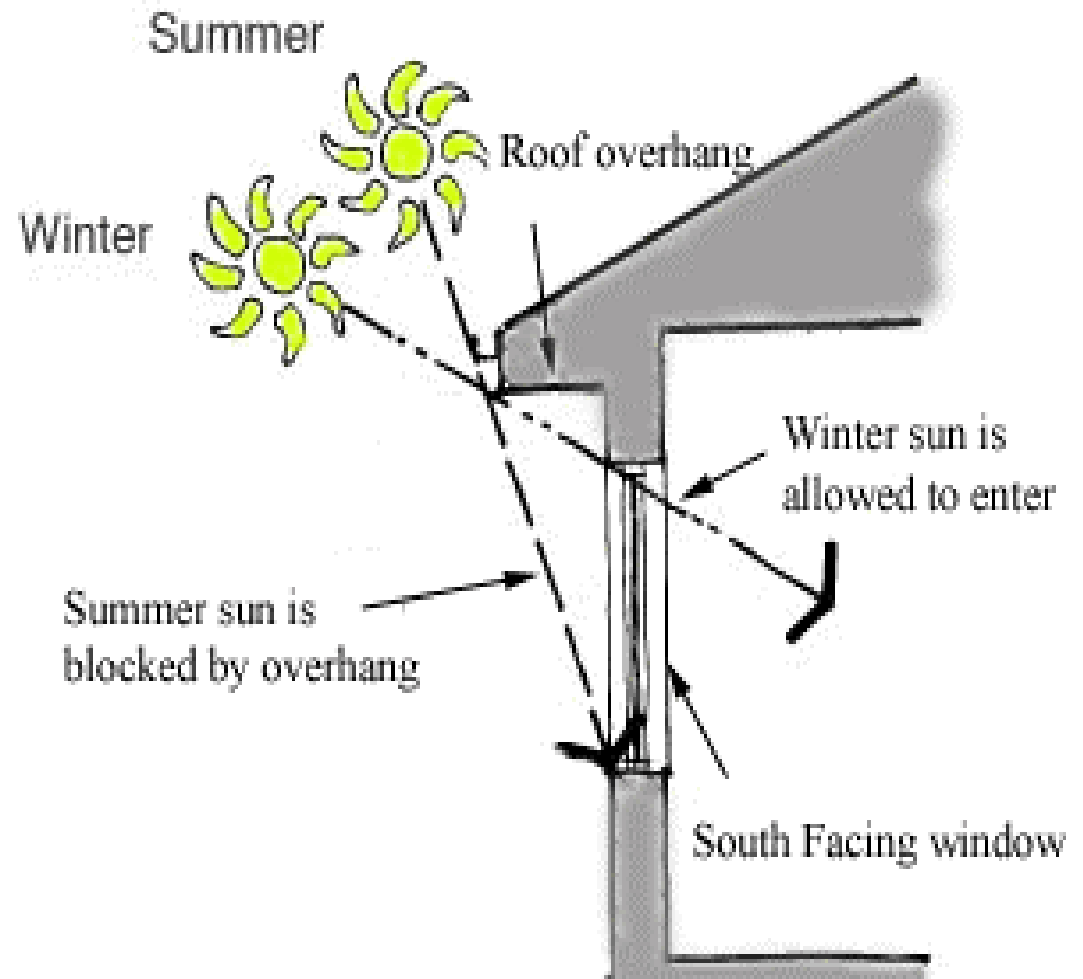
Lexus Hybrid



Energie-Effektiewe Motors

Passiewe Sonkrag

- **Geboue** kan **ontwerp** word om in die *winter* **energie binne te hou** en in die *somer* **hitte buite te hou**
- Goed **geïsoleerde** gebou kan **energie binne** of **buite** hou



Passiewe Sonkrag

Herbenut en Herwin

- Alles wat ons gebruik is **iewers vervaardig**
- **Vervaardigings-prosesse** gebruik groot hoeveelhede **energie**
- As ons goed na gebruik **weggooi** word al daardie **energie** gemors
- Ons kan **energie bespaar** deur goed te **herbenut** en te **herwin**



Newspapers, magazines
cardboard boxes, phone
books, junk mail, office
paper, old letters and
egg cartons



All glass bottles and
jars. Rinse and place
in bin. (No lids please)



Juice and
milk cartons



Rinsed soft drink
bottles, plastic bottles
marked 1, 2, or R
(no lids please)



Steel and aluminium
cans, alfoil and
empty aerosols

Herbenut en Herwin

Ons moet begin beplan vir die
gebruik van Hernubare Energie

Slotsom

“I’ d put my money on the Sun and solar energy. What a source of power! I hope we don’ t have to wait ‘til oil and coal run out before we tackle that!”

Thomas Edison (1847–1931)

We do not inherit the land from our ancestors, we borrow it from our children.
Native American proverb

“The world will not evolve past its current state of crisis by using the same thinking that created the situation.”

Albert Einstein

Slotsom