

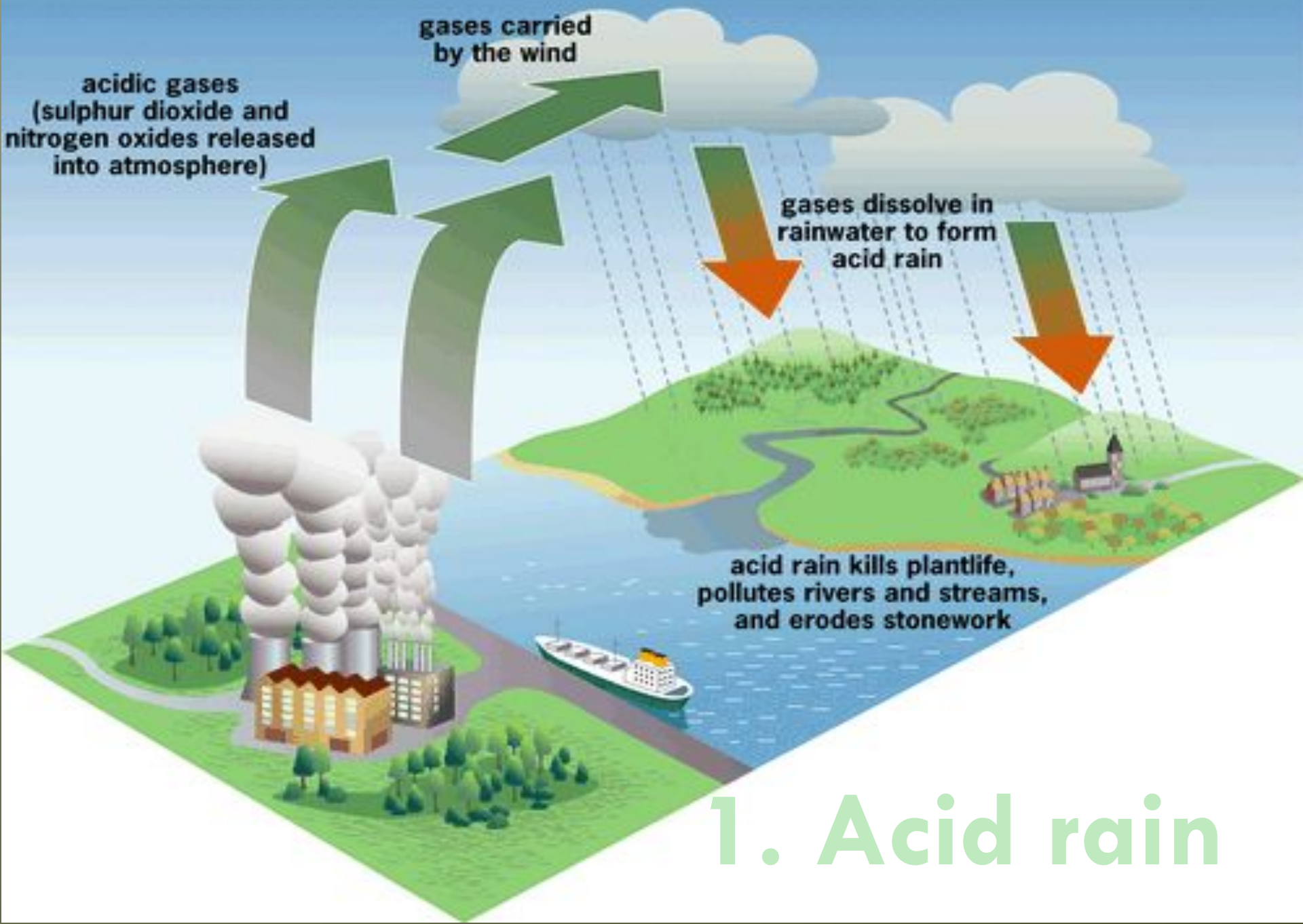
Environment and Ecology

Ecology is the science of how living things are related to their environment.

The environment problems of today:

- **littering;**
- **air pollution smog;**
- **water pollution;**
- **overcrowding, overpopulation;**
- **endangered species animals which are almost extinct;**
- **destruction of national resources;**
- **land pollution;**
- **greenhouse effect;**
- **deforestation;**
- **radiation;**
- **earth quakes;**
- **global warming;**
- **the hole in the ozone layer.**

The sources of pollution



1. Acid rain



The reasons of formation of acid rains:



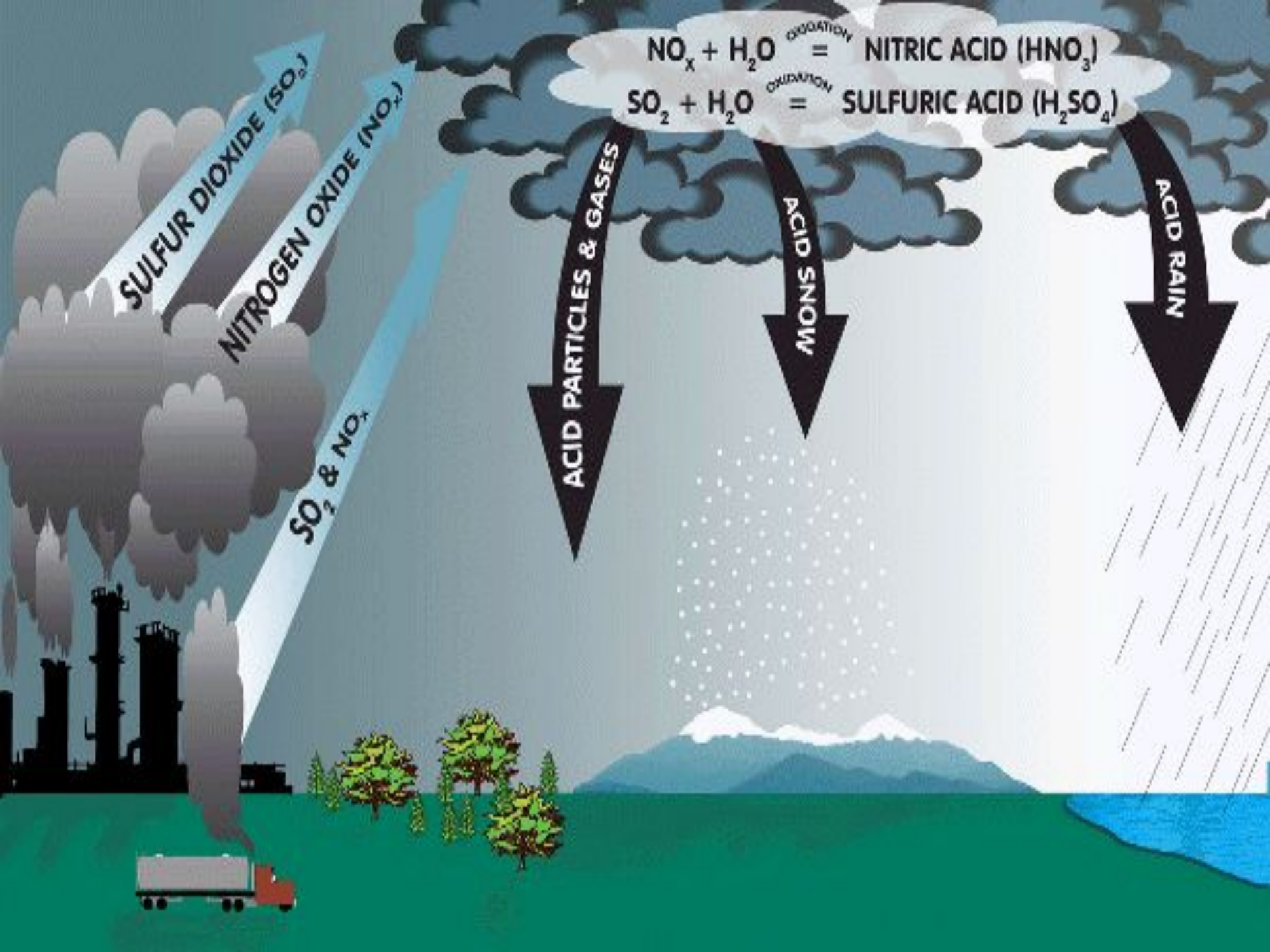
Mineral fertilizers

Fuel burning

Fuel of planes

Motor transport

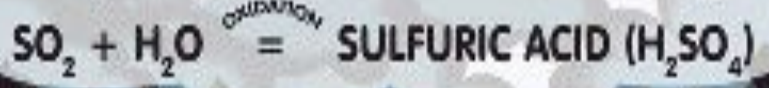
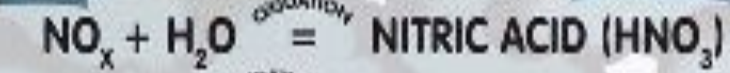
Oil refining



SULFUR DIOXIDE (SO₂)

NITROGEN OXIDE (NO_x)

SO₂ & NO_x



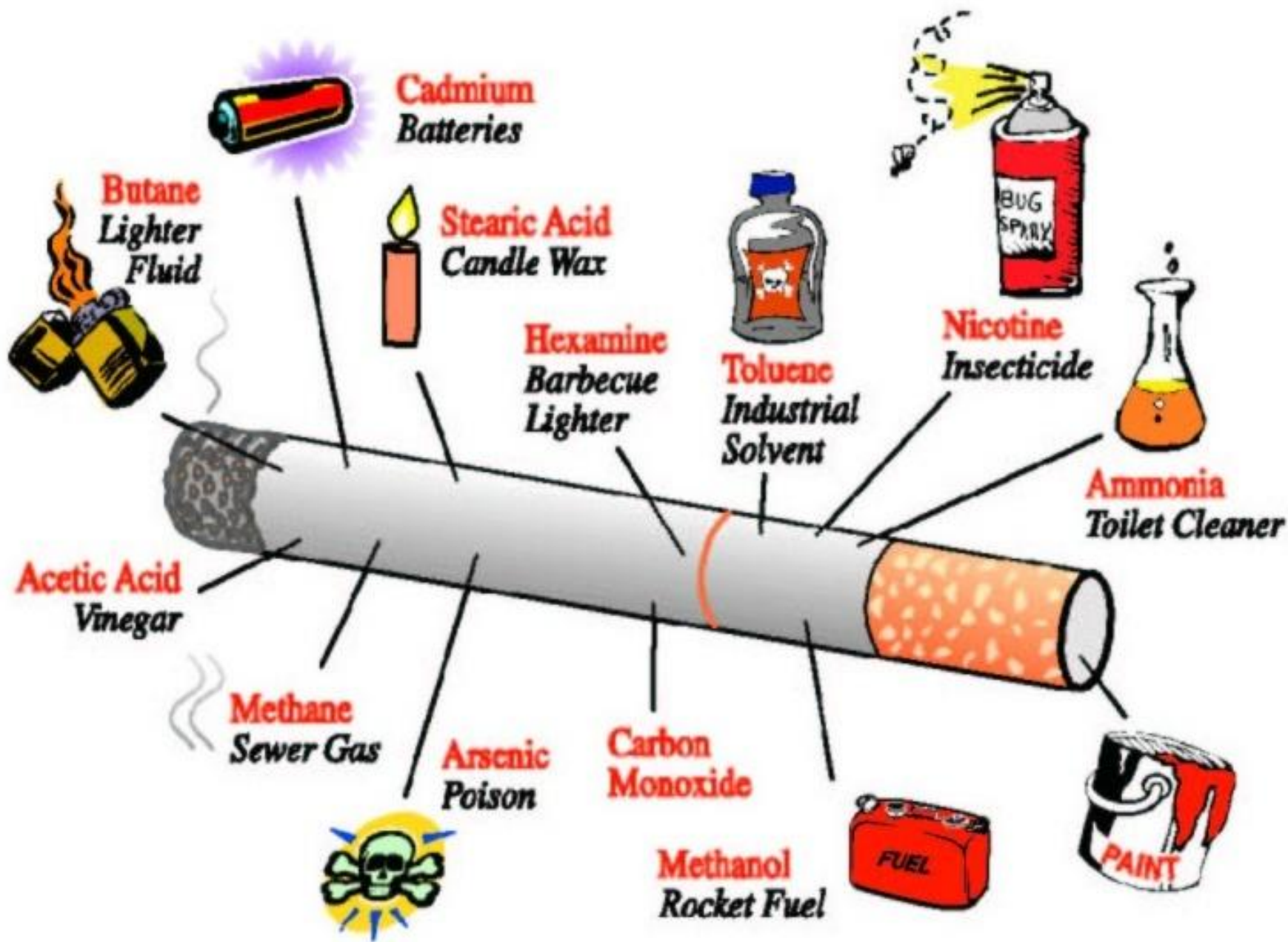
ACID PARTICLES & GASES

ACID SNOW

ACID RAIN

2. Smoking





3. Sulfates and other chemicals



4. Using of aerosol



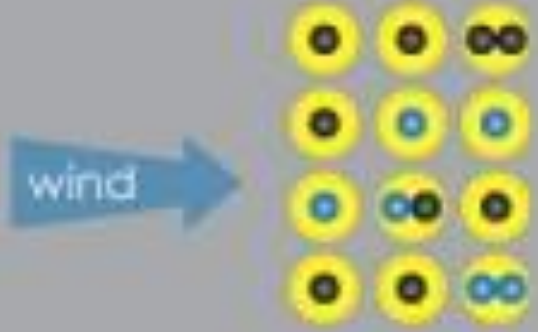
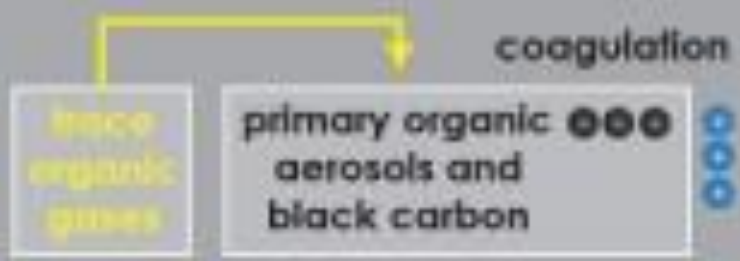
6am

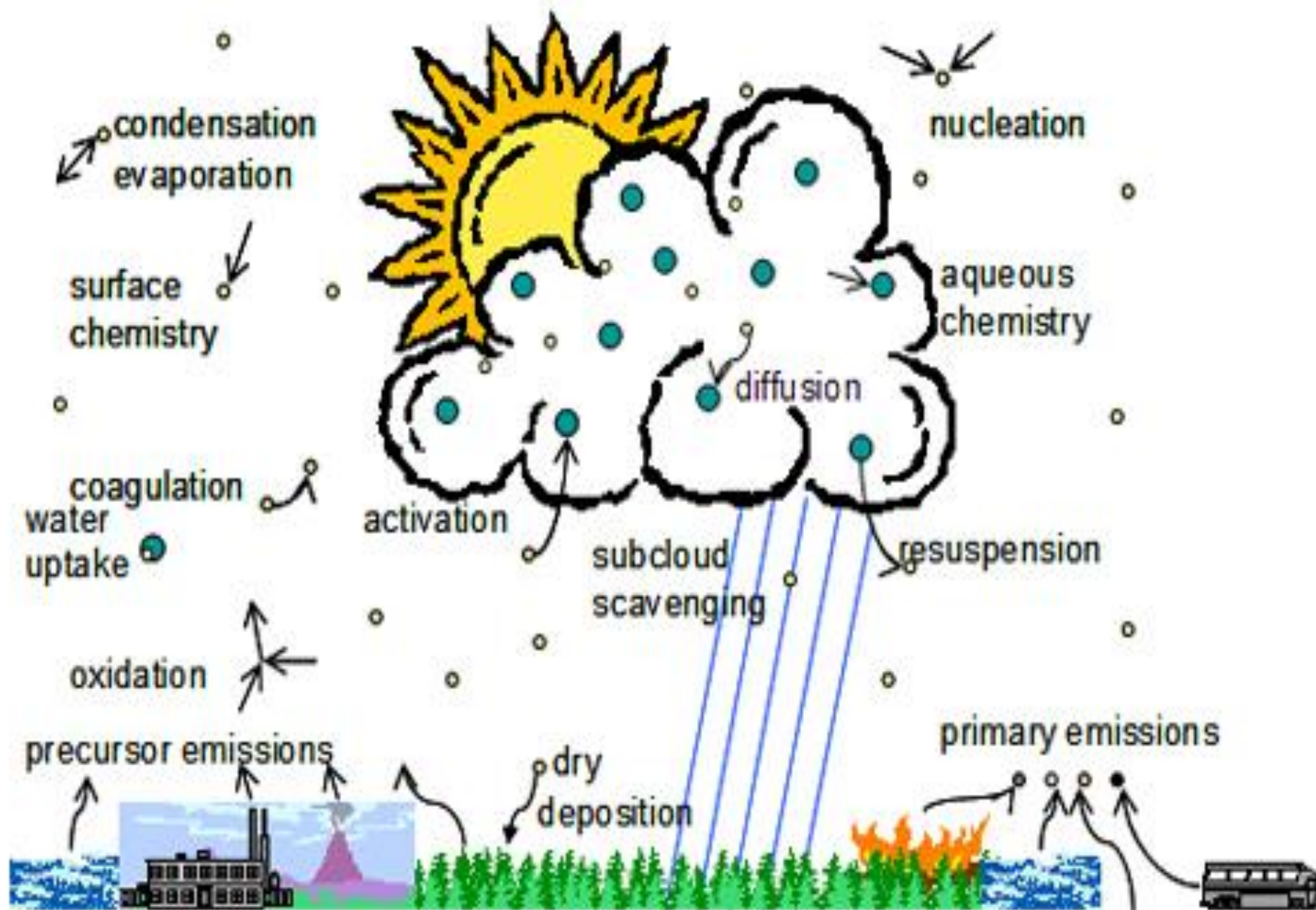
6pm

background aerosol

polluted mixed layer
photo-oxidation + condensation

mix of POA, SOA,
black carbon, and
inorganic aerosols





5. Garbage

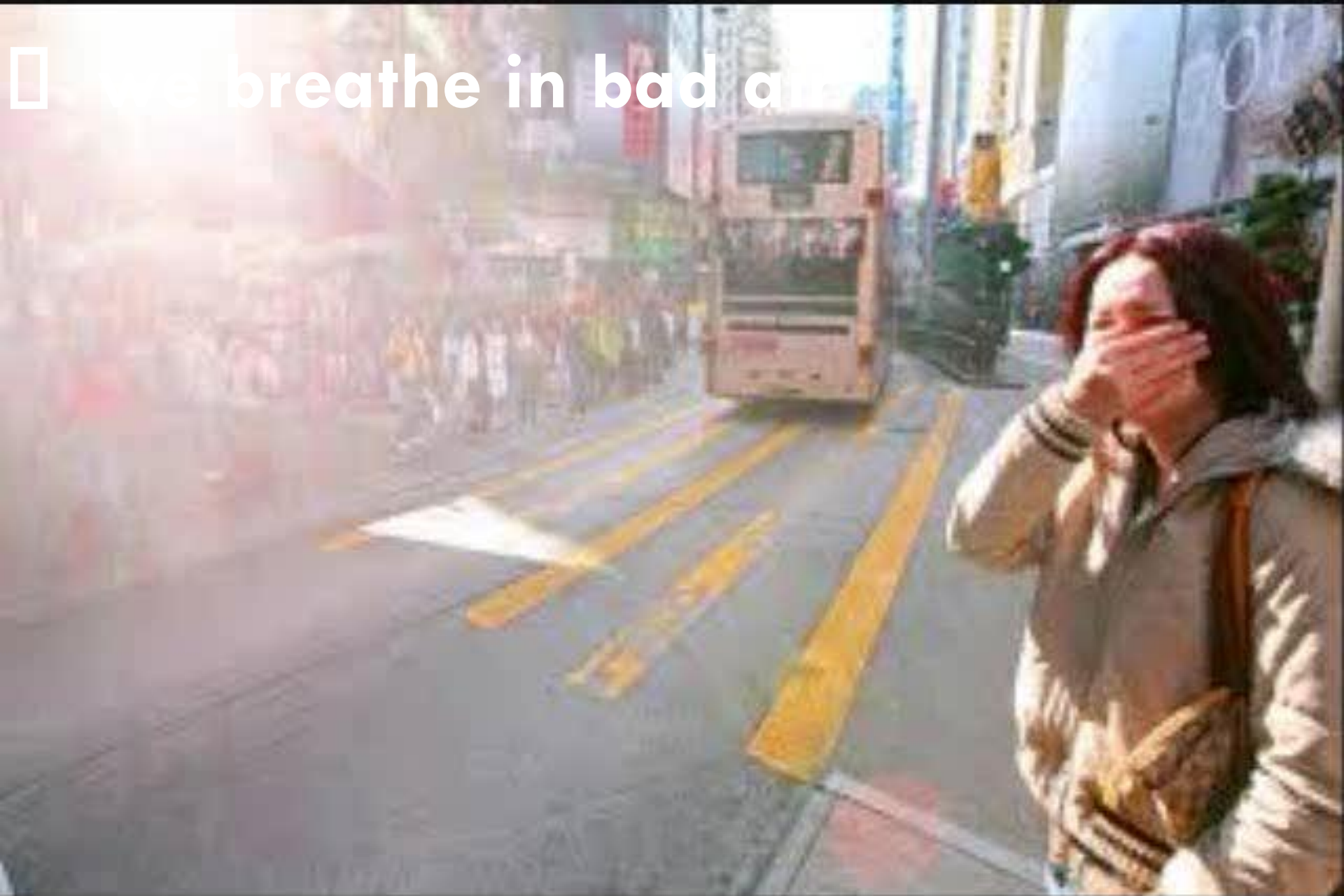




**6. Bad breath of
factories and cars**

**What happens to
people**

□ We breathe in bad air





**Protect children: don't make
them breathe your smoke**

The Korea Herald

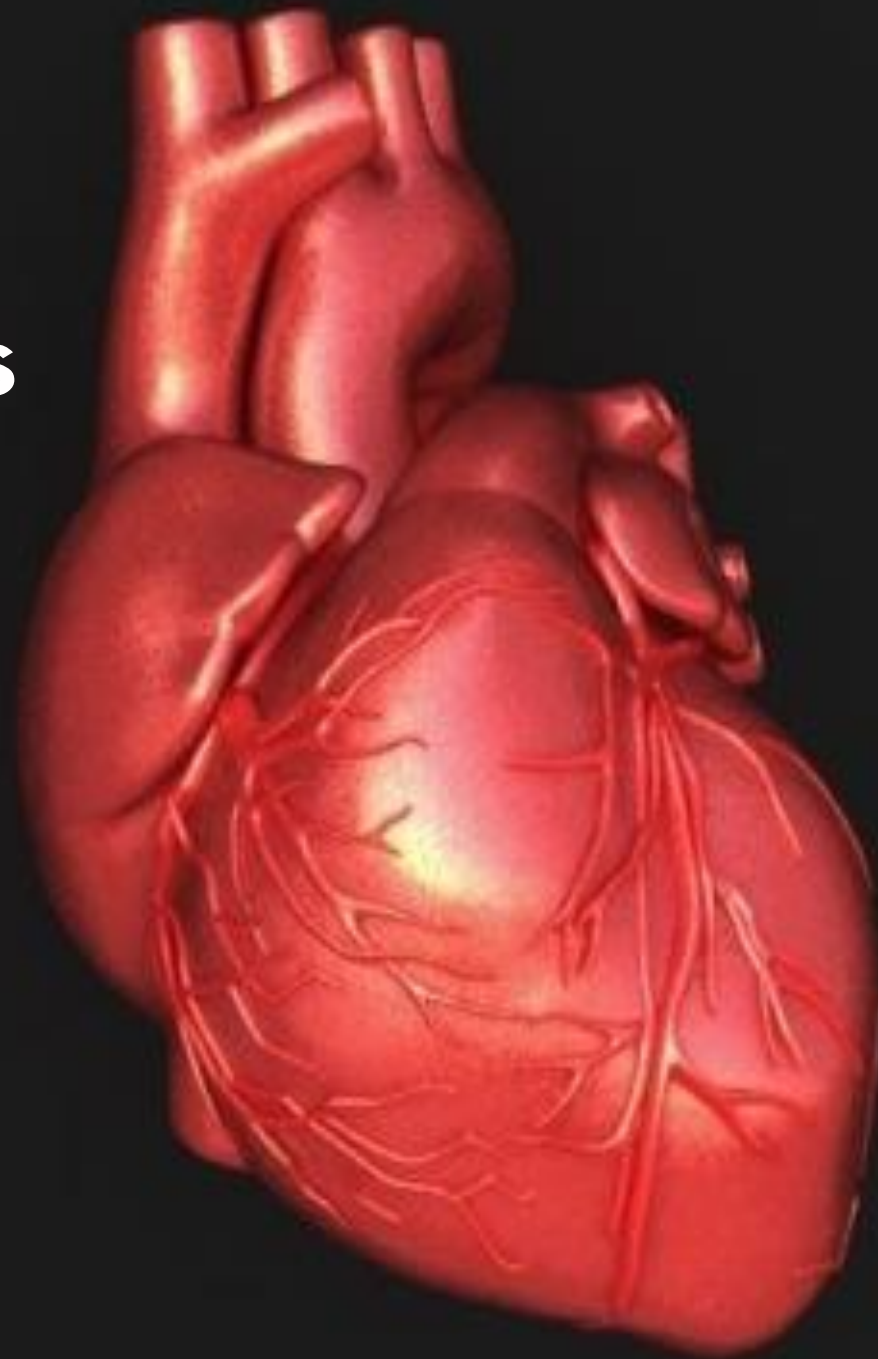
□ we eat poisoned food



How to prevent food poisoning

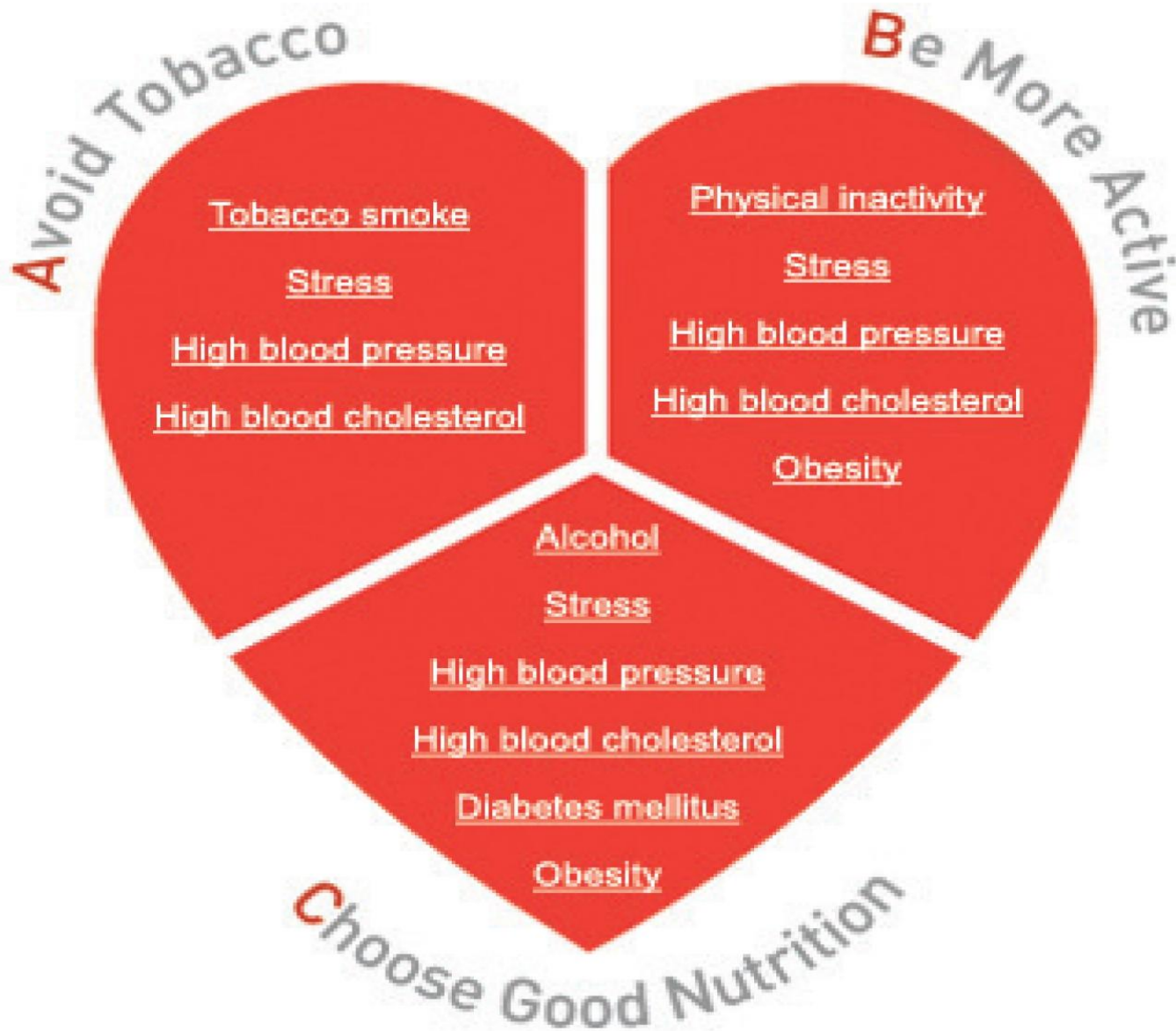


□ we get
heart
diseases



How people can get heart disease

www.mebe1duba.ru



□ we get cancer and lung diseased



□ we get tired very quickly



YOU CAN . . .



SAVING ENERGY

I'm doing my part



to save energy!





RESIGN ENVIRONMENT FRIENDLY PRODUCTS



**From
Garbage
to Garden**

It's Compost Time!

**...but if you want ecology give
an example**

