

## 7 – Examples

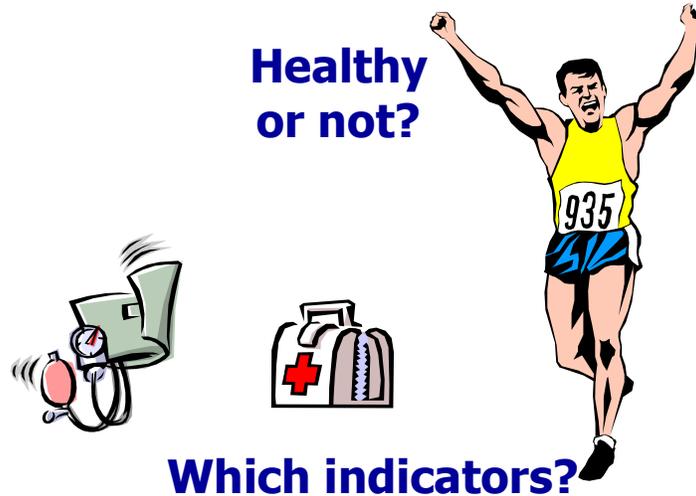
### 7-1 Healthy or not healthy

The transparency below shows a runner finishing a 42 km marathon race.



Slides

7 - Indicators and environmental controlling



The participants of the course play the role of a medical doctor whose task is to observe the athletes at the finishing line, check their physical condition and decide at a glance, whether an athlete is physically still ok and can continue to cool down, probably after receiving a blanket, or whether he needs immediate medical care. Which indications, which symptoms will the doctor check for?

In a brainstorming session the following answers might be collected:

- Heartbeat;
- Respiratory rate;
- Visual fixation;
- Colour of the skin;
- etc.

The trainer then points out that these figures and symptoms are **indicators**. By checking these indicators a doctor can tell quickly whether the athlete is still in a good physical condition or whether he needs medical care.

Comparable indicators have to be identified for each company, showing instantly if there is a problem regarding their environmental performance: if threshold values are not met, if material losses increase, if the water consumption rises, etc.

### 7-2 Indicators in a car

Man has a very poor feeling for higher speeds. If, for example, you have been driving on a motorway for about an hour and then leave the motorway, you will underestimate the speed in the curves.



### Safe on the road?



### Which indicators?

Ask the participants which figures are used to monitor a car, to check whether the engine is running well and whether the journey can be continued safely.

Collect the answers of the participants on a flipchart.

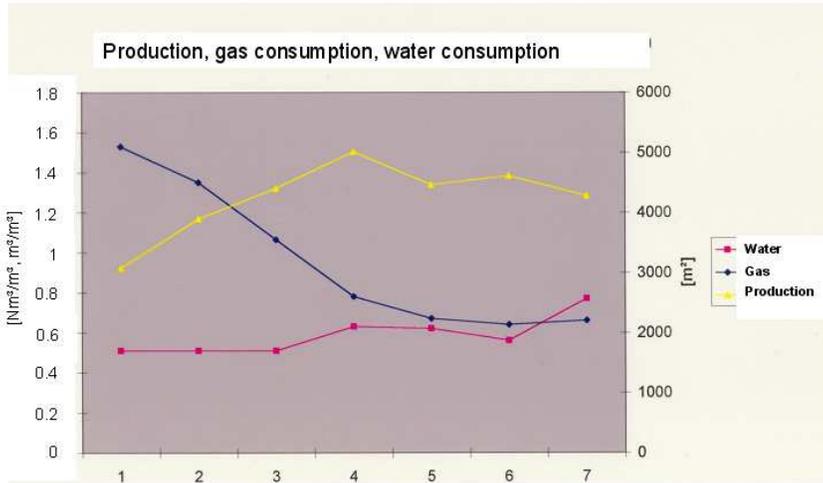
The answers might include:

- Speed;
- Revolutions per minute;
- Oil-pressure;
- Battery charge;
- Fuel level.

In the ensuing discussion point out that all these figures are indicators helping you to collect quick information on the state of the car, telling you whether you are perfectly safe on the road or whether the car needs urgent attention.

Comparable indicators have to be identified for each company, showing immediately if there is a problem regarding its environmental performance.





Next we have a look at the water consumption. The specific water consumption is stable from January to March. Why does it increase in April?

Put this question to the participants and give them five minutes to think about possible explanations, then collect their answers on a flipchart.

Answers may include:

- Product change;
- Production increase causes more stress for the operators;
- Changes in water quality;

The answer in this case was that the production manager changed in April and the new production manager did not pay much attention to water consumption any more. After seeing the actual consumption data, he discussed the problem with the workers. Immediately afterwards, in July, the specific water consumption went down to the consumption values of January.

This illustrates the importance of an effective feedback using indicators which are published within the company, for example on the "green notice board". Indicators can also be discussed in production meetings or in the meetings of the environmental team.

### 7-4 Chicken efficiency

This example is taken from a chain of fried chicken outlets. The ratio of “waste chicken” to sold chicken was used as an indicator to characterize the efficiency of each shop and the bonus payment for the management of each outlet was calculated accordingly.

But what is the most efficient way of optimizing this indicator? Put this question to the participants and collect their answers on a flipchart.



### Example: “Chicken efficiency”

- **Is the ratio of sold fried chicken to waste chicken**
- **Is the indicator for waste**
- **Is the most important indicator in the organization**
- **Does it make sense?**



Obviously optimum efficiency is reached, if a chicken is put on the grill when a customer orders it. In this way no waste chickens have to be thrown away. However, especially young customers do not like to wait very long, so by making them wait the company will actually lose clients. For this reason the sole indicator was later replaced by a set of two indicators: the chicken efficiency plus an indicator characterizing the average waiting time.

Remember that by using indicators you provide feedback and actually will direct the course of action of a company’s staff.