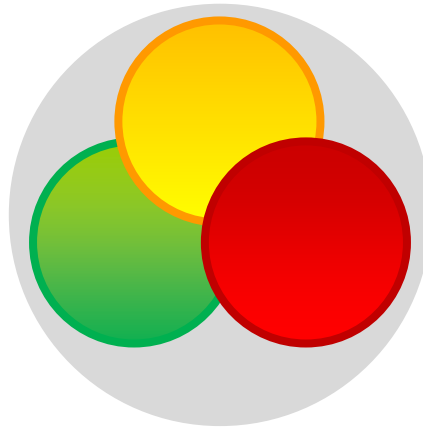

Continuous Improvement Toolkit

Traffic Light Assessment



The Continuous Improvement Map

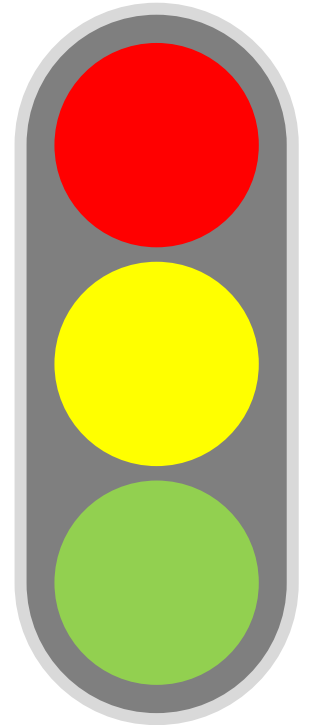


Traffic Light Assessment

A rating system

Evaluates the **performance** in relation to a goal

Results are expressed using the **three colors** of the real traffic lights



Traffic Light Assessment

A good way to **communicate** information

Have the advantage of being **universally recognized**



Traffic Light Assessment

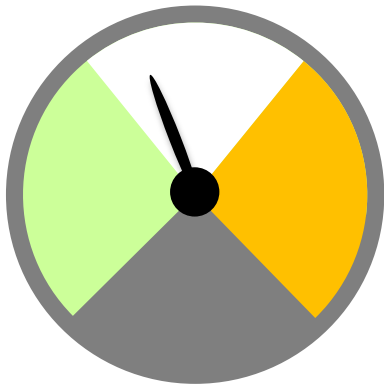
Good and poor performance can easily be identified

The results help in **decision making**

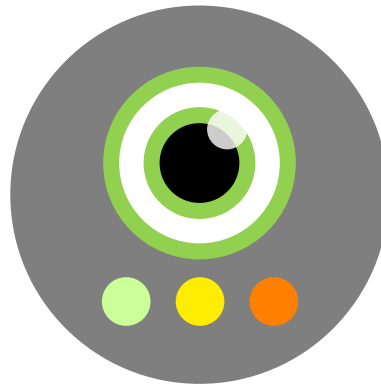


Traffic Light Assessment

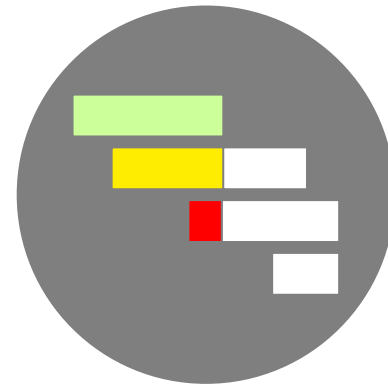
Traffic lights systems concepts are widely used in . . .



Performance
Management



Visual
Management



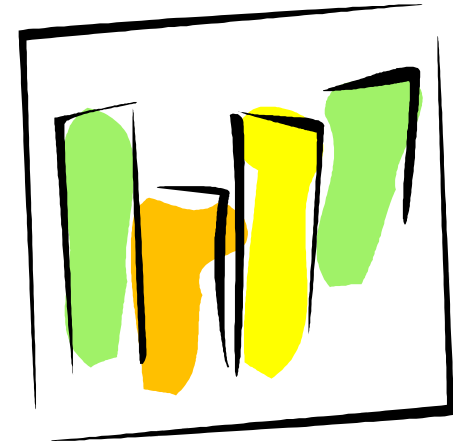
Project
Management

Traffic Light Assessment

Performance Management

Helps **presenting** performance information for decision making purposes

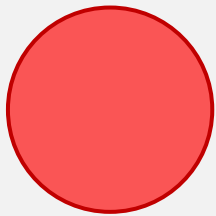
Often used in management **review meetings**



Traffic Light Assessment

Performance Management

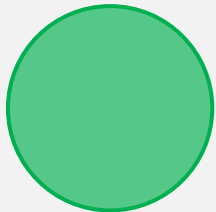
Results are expressed in terms of colors . . .



A performance that is **far below** from target



A performance that is a bit below from target



An expected performance (or better than expected)

Traffic Light Assessment

Performance Management

Traffic light colors can be applied to . . .

Performance indicators

Trend indicators

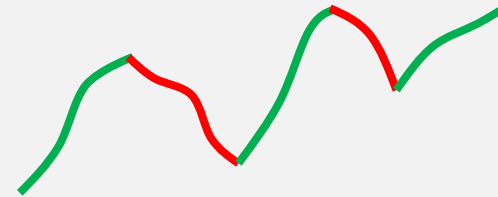
Variance indicators

Graphical charts

Dashboards



4.4% 3.1% 2.8%



Traffic Light Assessment

Performance Management

Applications . . .

Performance and trend reports

Financial reports

Marketing reports

Customer satisfaction reports

Quality control reports



Traffic Light Assessment

Performance Management

Applications ...

Risk management and safety audits

Compliance audits

Staff training and development

Staff performance management

Retention analysis and planning



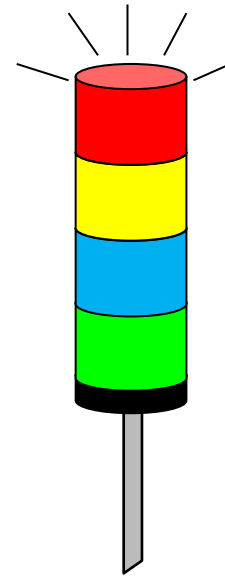
Traffic Light Assessment

Visual Management

Traffic light assessment is frequently used in **factories**

The **Andon display** uses traffic light signals to communicate production information

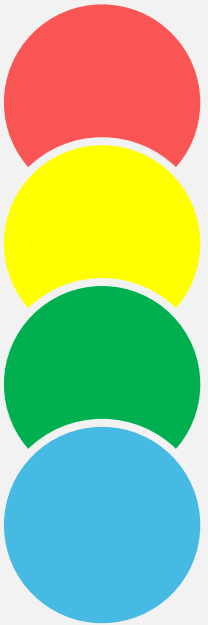
It helps bringing immediate **attention** to problems as they occur



Traffic Light Assessment

Visual Management

Information is expressed in terms of colors . . .



A production that has stopped or a line that is down

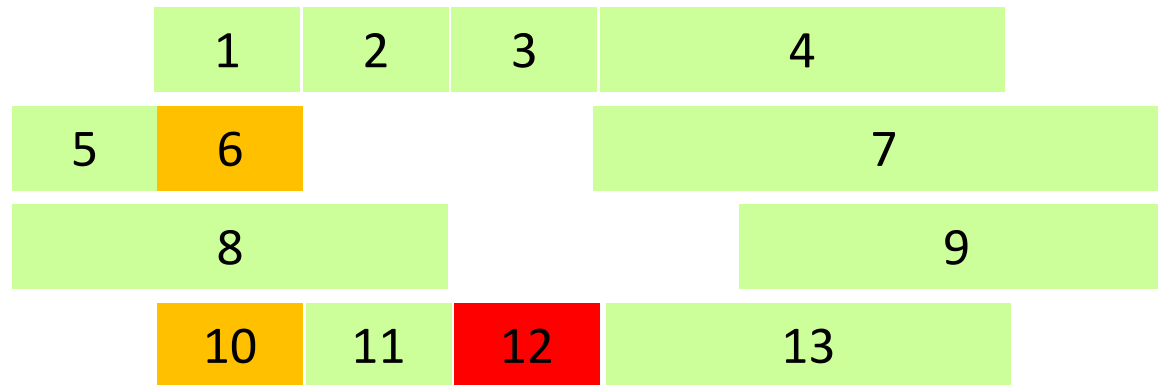
Production has slowed down / attention is needed to fix something

Normal production levels and a line that is running smoothly

Operation needs something (material, tooling, ...)

Traffic Light Assessment

Visual Management



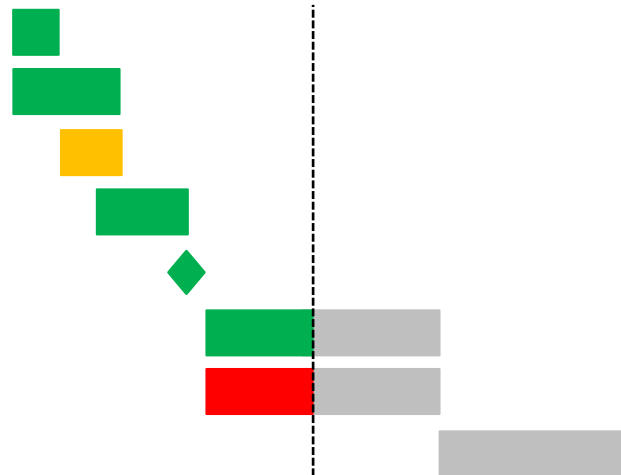
A map for the areas which have the **most safety incidents** that resulted in lost time

Traffic Light Assessment

Project Management

How well **activities** and **milestones** are being achieved?

How on track the overall project is?



Traffic Light Assessment

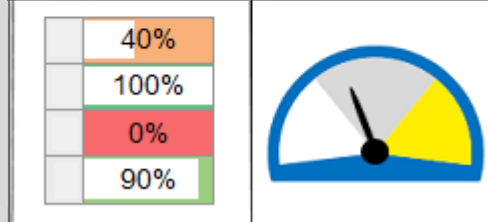
Project Management

Activity management



Risk management

Project tracking

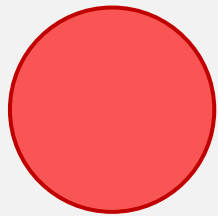


Project KPIs

Traffic Light Assessment

Project Management

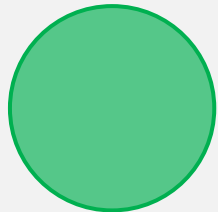
Project information is expressed in terms of colors . . .



An activity that is **incomplete**



An activity that is **partially completed**, or was completed after due date

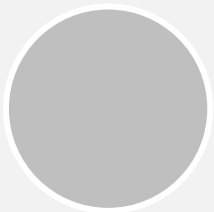


An activity that was **completed** on time, or ahead of time.

Traffic Light Assessment

Project Management

Additional colors can be used to convey specific information . . .



Scheduled activities



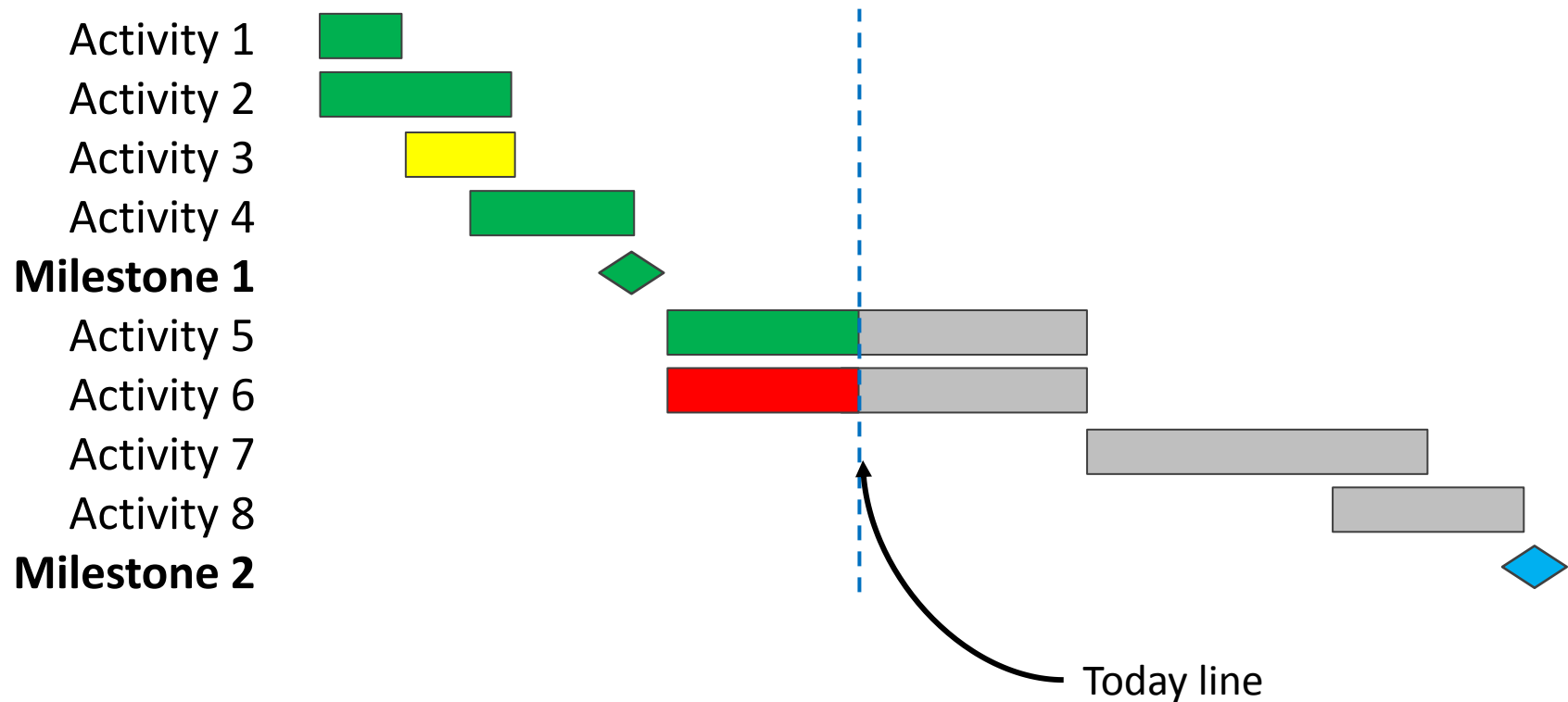
On hold activities



New added or changed activities

Traffic Light Assessment

Project Management - Example



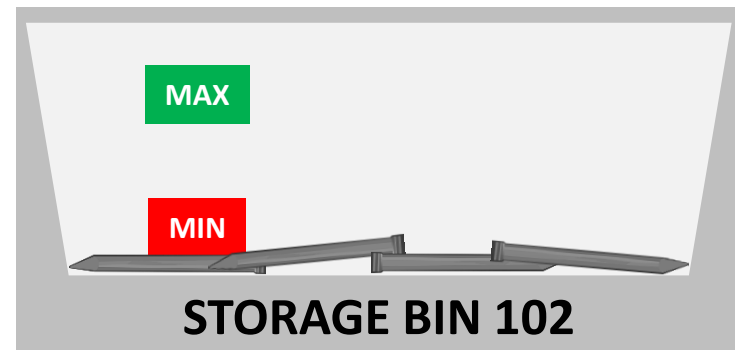
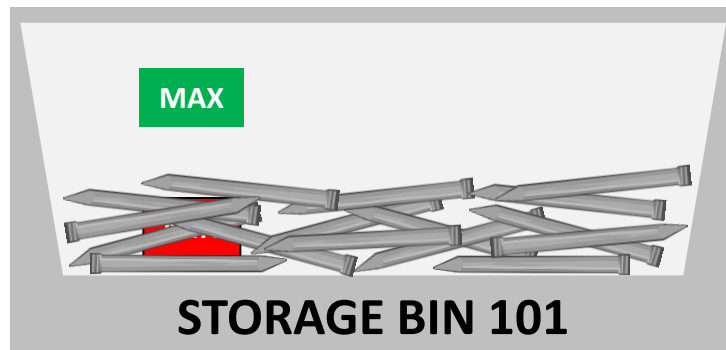
Traffic Light Assessment

Other Uses

Marking inventory levels and reorder triggers

Communicating the status of a material or product

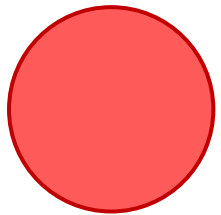
Knowing what a team think of a particular idea



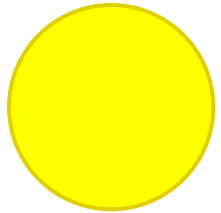
Traffic Light Assessment

Other Uses

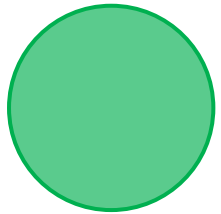
Team members may use them to assess an idea . . .



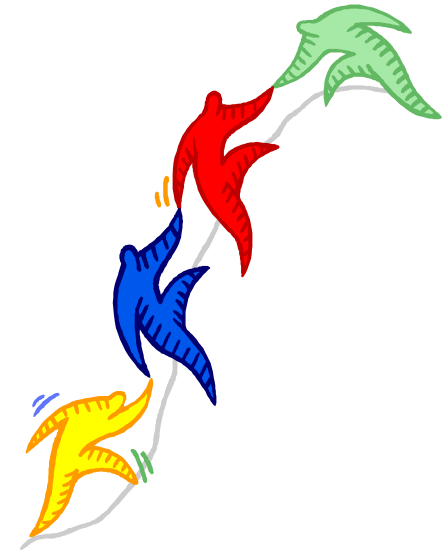
An idea that is poor or inappropriate



A good idea,
or an idea that needs to be reviewed



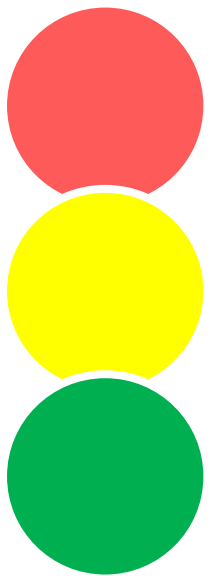
An excellent idea



Traffic Light Assessment

Other Uses

In the **food industry**, traffic light labels can be used to show how much fat, sugar and salt exist in the food products



High

Medium

Low



Traffic Light Assessment

Other Uses – Skills Matrix

ID	Name	Job Title	Safety Intro.	Product Defects	SPC	5S	SOP	DMAIC	FMEA	Score
3113	Harvey	Supervisor	2	2	2	0	4	0	0	10
3120	Sami	Supervisor	2	4	3	1	3	2	0	15
3181	Emer	Maintainer	1	1	2	2	4	0	0	10
3109	Zekaria	Maintainer	0	1	1	0	3	0	0	5
3110	Shadi	Inspector	0	2	0	0	2	0	0	4
3193	Peter	Inspector	1	3	1	0	2	1	0	8
3174	Kumar	Inspector	1	2	1	1	1	0	0	6
Training Requirement Score:			5	2	4	6	1	6	7	

4	Trainer level	1	Basic awareness
3	Practical experience	0	Training needed
2	Little practical experience		

Traffic Light Assessment

Further Information

Use charts rather than detailed data where relevant

Sometimes, the letters **R**, **Y** and **G** (or **R**, **A** and **G**) are used in addition to the colors