



**GLZ – Study Tour Connective Cities**

# **Planning for Clean Air**

## **Monitoring of measures in air pollution control planning**



## Monitoring, Enforcement Control & Impact Check

Monitoring observes the process of implementation and all those impacts that are made through the policy interventions

The purpose of a periodic monitoring is to check whether the measures implemented by different partners in their own responsibility are actually realized (enforcement control) and to what extent the statutory objectives have been achieved (impact control).



The authorities responsible for the implementation of the individual measures report to the District government up to the 1<sup>st</sup> March of each year on the current state of implementation of the previous year. The concrete implementations must be named and described.

The district government of Arnsberg then reports on the State of implementation of the measures to the Ministry of Environment, Nature, agriculture and transport by the 01<sup>st</sup> April each year.



As the framework conditions and influencing factors can change in the implementation process, the possibility of flexible adaptations must be kept open within the framework of action-oriented impact control. This may mean, for example, an adjustment of the action concept in the context of a continuation of the air clean-up plan or the elimination of certain measures.

The main focus of the monitoring is that the effects of the various measures on air quality are observed and analysed constantly. For this purpose, the national Office for Nature, Environment and consumer Protection will carry out the measurements further.



## Praktische Umsetzung der Vollzugskontrolle

The notified measures implementation levels are compared with the measures in the respective air clean-up plan

The implementation status of the measures will be differentiated into 3 categories and be highlighted in the list for a better overview

The measure has been implemented or implemented –green-  
The measure is ongoing or is in the implementation –yellow-  
The measure has not yet begun –red-



## Example: Clean Air Plan Hagen 2017 - Extract -

Lfd. Nr.	Maßnahmen
M 1	Road Construction "Bahnhofshinterfahung"
M 2	Blocking of the Märkische ring from Rembergstraße to Emilienplatz for truck traffic
M 3	Elaboration of an integrated and overarching planning concept for the inner city centre
M 4	Truck Route Planning
M 5	Reduction of the international and long distance traffic at the Graf-von-Galen-ring by laying the stop to the Konrad-Adenauer ring
M 6	Optimization of light signalling-control in the city area
M 7	Use of low-emission cleaning and disposal vehicles



## Fuhrpark

Euro classes	Number of buses								
	2012	2013	2014	2015	2016				
Euro 0	0	0	0	0	0				
Euro I	0	0	0	0	0				
Euro II	14	7	0	0	0				
Euro III	4	3	1	1	1				
Euro IV	0	0	0	0	0				
Euro V	8	8	11	11	12				
EEV	105	115	108	100	96				
Euro VI	0	0	16	23	31				
Total number of buses	131	133	136	135	140				



The measures will then be announced to the public on the Internet.

**-Thank you for your attention-**