

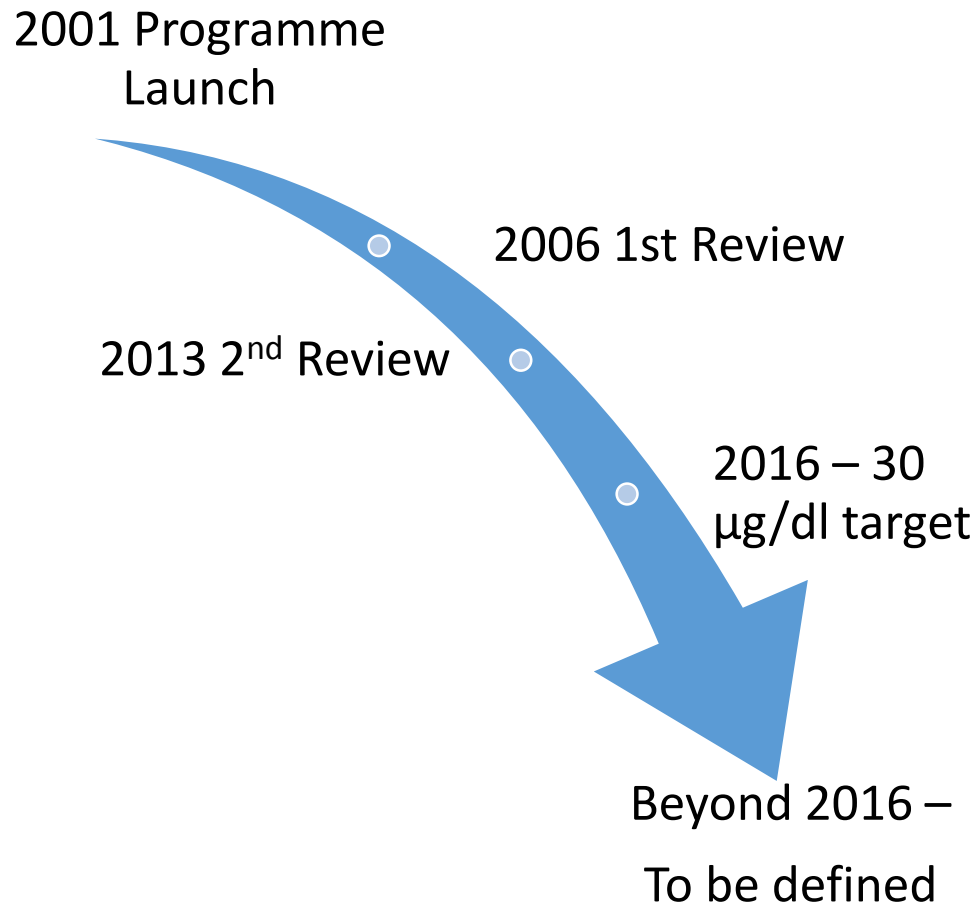
BCI EHS Conference - EUROBAT's Blood Lead Reduction Programme

Rene Schroeder
EUROBAT EU Affairs Manager
24 October 2016



What is the EUROBAT Programme?

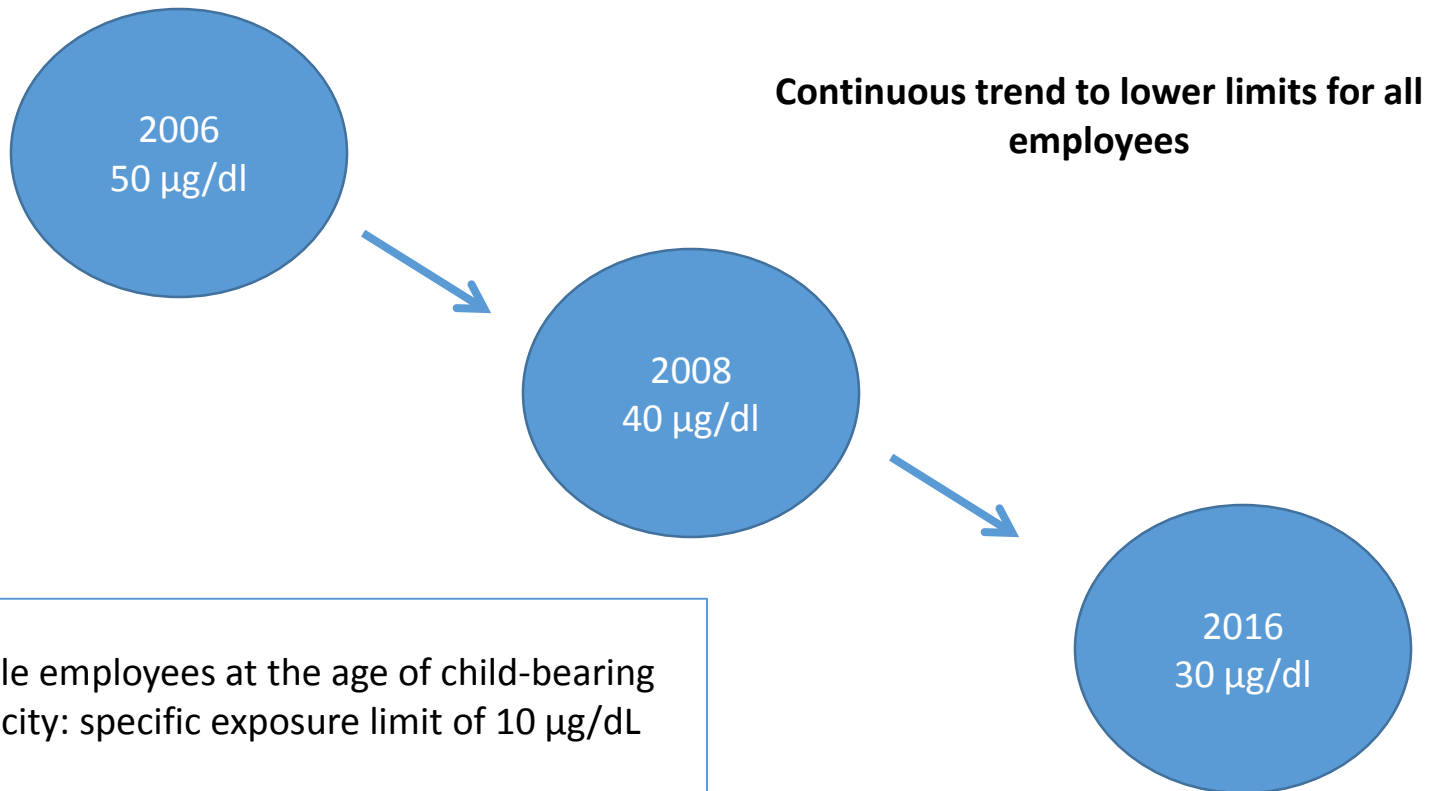
Voluntary initiative of manufacturers of lead-based batteries to reduce their employee's exposure.



Blood Lead Mitigation Programme – key points

- Adherence compulsory for EUROBAT members
- Open to non-members
- Inclusion of facilities in EMEA but flexibility for MEA
- Reporting of data to EUROBAT Secretariat
- Reporting format with a distinction between EU and non-EU facilities
- Different steps in enforcement to ensure progress
- Removal from work place if blood Lead levels too high
- Support for members to reach objectives (mandatory workshop, training, exchange of best practices...)

Development of the blood lead target



Methods to reduce exposure – Measures of equal priority



Enforcement measures

Compliance (i.e. failure to report progress during two consecutive years) is guaranteed through a set of escalating measures

X+6 months
Action Plan w/
progress
(explanation to
Board if no AP)

X+2yrs
Report on
implementation
of AP

X+2yrs
Amendment of
AP if no progress

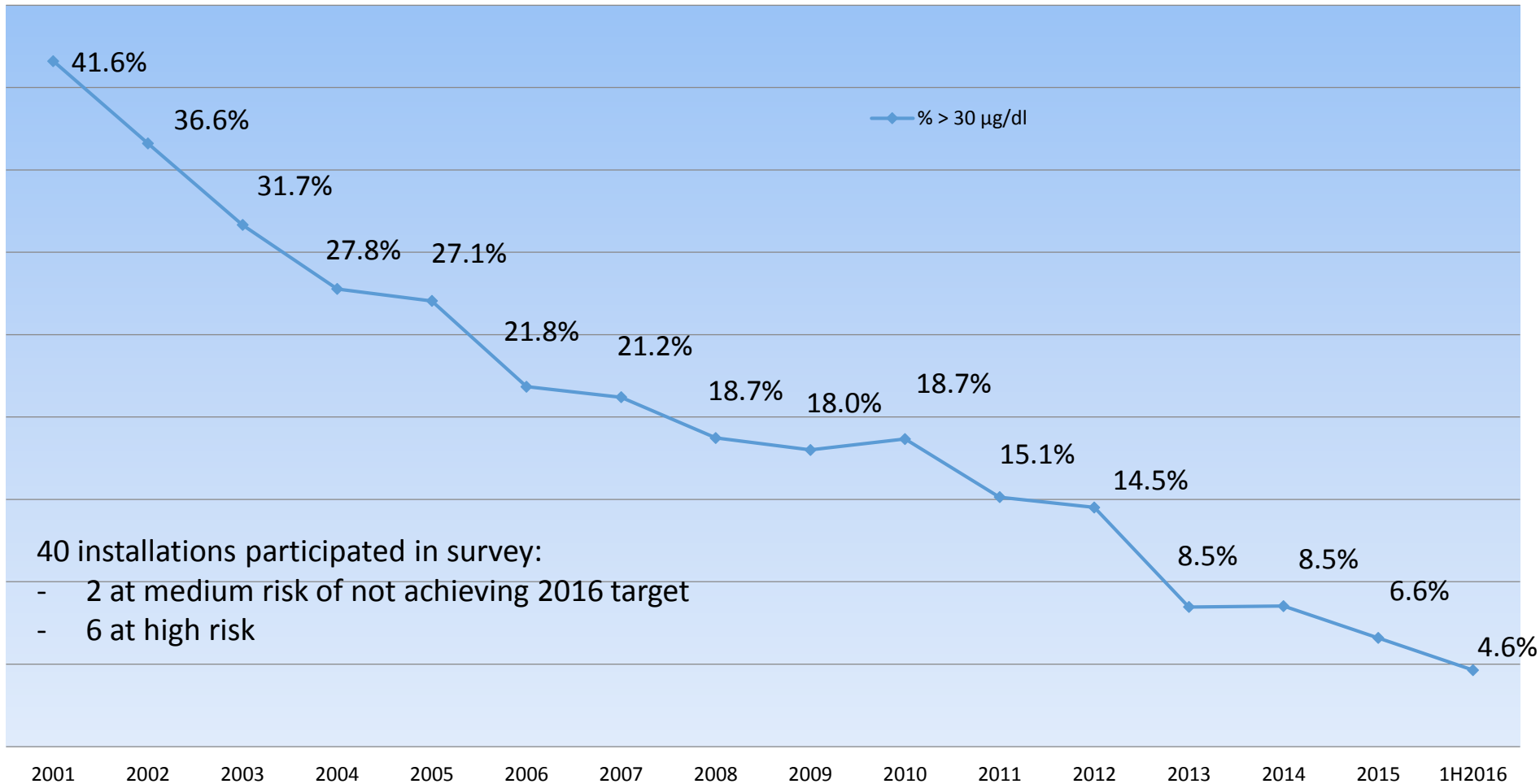
Possibility of
exclusion from
Programme

Possibility of
exclusion from
EUROBAT
membership

Blood Lead survey methodology

- Personnel in the scope of the programme & survey :
 - All battery plant employees (white & blue collar, direct & indirect)
 - All battery plant maintenance staff
 - All battery plant administration, R&D, quality, engineering, logistics
 - Only local medical services can exclude individuals from the scheme if no exposure
- Testing frequency:
 - Minimum once every six months
 - Every 2 months, if $> 30 \mu\text{g/dl}$
 - Every 3 months, if $25 < 30 \mu\text{g/dl}$
 - Once a year, if $< 15 \mu\text{g/dl}$

Results of the EUROBAT Blood Lead Mitigation Program, 1st half 2016



Support to attain 2016 targets

- EUROBAT members made progress, but still additional effort needed to attain 2016 targets
- EUROBAT Blood Lead Mitigation Task created in August 2015
- Objective: Exchange of experiences between members as regards blood lead mitigation with the overall goal of achieving the 2016 targets
- Submission of action plans
- Monthly calls with thorough discussions on the provisions of the programme
- Useful information-sharing

Blood Lead Task Force

- Topics covered during the past calls include:
 - Separated clean/exposed locker rooms + cabinets for personal belongings
 - Regular check of personal hygiene rules in locker +break rooms
 - Smoke + food-free policies
 - Drinking facilities
 - Work clothes
 - Information for cleaning teams
 - Training and training material
 - Training/Counselling/Actions for workers with elevated blood lead levels
 - Role of management
 - Respirators/Ventilated helmets
 - Incentivisation

Next Milestones - Summary

- In conclusion, there are two important milestones ahead of us:
 - 1. All members work towards the 2016 blood lead mitigation target of 30 $\mu\text{g}/\text{dl}$**
 - 2. Setting of next targets in coordination between EUROBAT, ILA and BCI**

THANK YOU VERY MUCH