

Dansk Batteriselskab

start meeting

presentation by

Per Jørgensen Møller

M.Sc. EE (1972)

Prev. Research Manager at Nokia Danmark

President Danish EV Committee

Chairman The Battery Group of 2004

NOKIA Danmark

- New Technology Sourcing - global activity
 - Screening of promising battery battery technologies – some still in the research labs.
 - Support research by known other activities.
 - Mature and verify developed technologies
- Battery Test Center (5 persons)
 - Selection of technologies/packs for phone programmes
 - Qualify samples for specific application
 - Verify samples from running production
 - Investigation of field returns - counter feit samples
 - Research in area of charging schemes
 - Research in area of non destructive state of health verification
 - Optimize Battery Management Systems

Danish EV Committee

- Initiated June 1980 by Danish industry representatives
- Today more than 200 members
- Our purpose is to inform about the progress in development of the electric road vehicles and the usage of them.

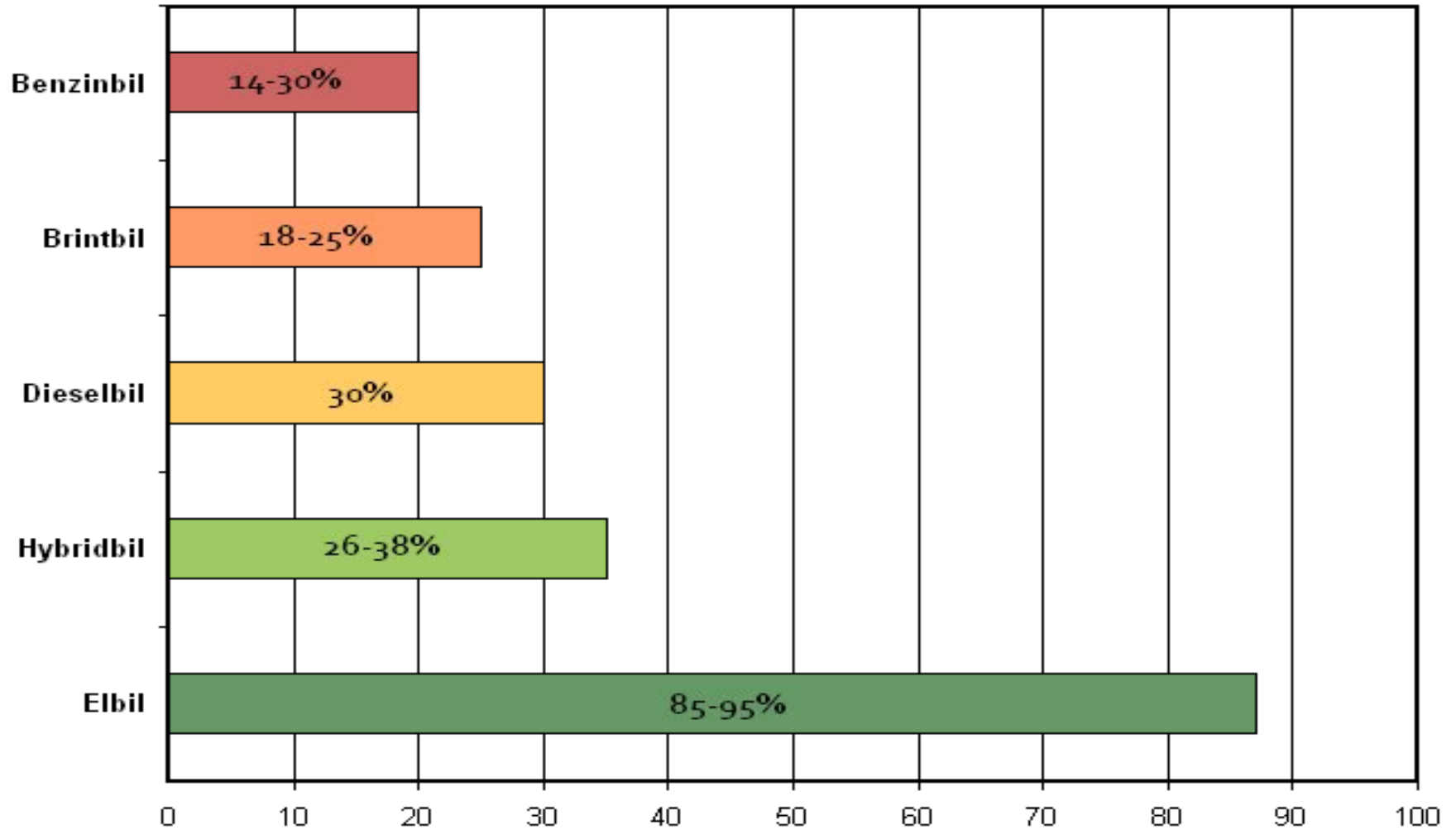
Further to encourage the production of electric vehicles and relevant components.

Finally we exchange experiences and inform new potential users about advantages and disadvantages

As members we accept all private and public companies and individuals which can agree on the purpose of the committee.

- Influence politicians and community decision makers
- We have set up several study groups on implementation of technology for EV's
- We are giving lessons on EV technology and future trends
- Discussions and experience exchange at visits to suppliers

EV's & Energy Efficiency



The Battery Group BG-2004

- Started as SPM15 group in 1986 at Elektronikcentralen
- Changed to independent group in 2004
- Members from electronic industry and battery suppliers
- Visiting battery suppliers and IC manufacturers
- 14 (SPM) reports issued on battery related items
 - Eks: <http://elbil.pbworks.com/f/SPM-163.pdf>
- Technical areas:
 - Technologies from tiny backup to big batteries for telecom backup
 - Exchange knowledge and experience on battery applications
 - Introduction of new technologies
 - Charging and state of charge supervision
 - Safety and standardization
 - Directives on waste management in relation to batteries