R41WG

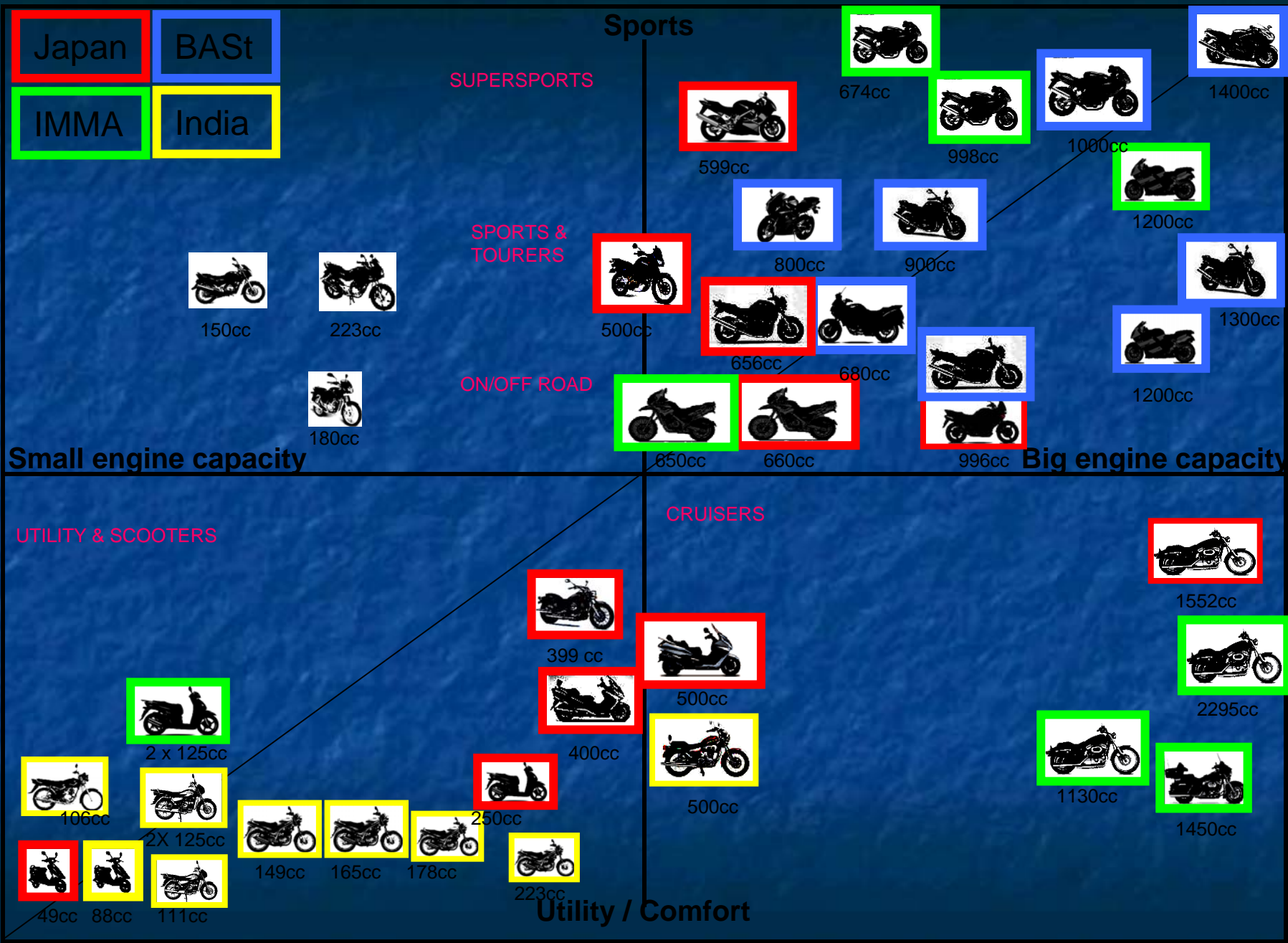## Report of the data collection experts group

General

- In April 2006, R41WG agreed:
    - The types of vehicles to be tested
    - The test protocols to be used (R41 (reference); ISO362-2; ASEP; roadside test)
- There have been 2 meetings of data experts
- Tests have been done by:
    - Germany
    - Japan
    - India
    - IMMA
- German test data added to database (+ 3 more IMMA MCs) on 1st September

Sports

Japan · BASt · IMMA · India

SUPERSPORTS

674cc
1400cc
599cc
998cc
1000cc
1200cc
800cc
900cc

SPORTS & TOURERS

500cc
656cc
680cc
1300cc
1200cc

ON/OFF ROAD

650cc
660cc
996cc

Small engine capacity
Big engine capacity

CRUISERS

UTILITY & SCOOTERS

399 cc
500cc
400cc
2 x 125cc
1552cc
2295cc
106cc
2X 125cc
250cc
500cc
1130cc
49cc 88cc 111cc
149cc 165cc 178cc
223cc
1450cc

Utility / Comfort

ISO362-2

- Test results/experience proves that ISO362-2 is practical and repeatable
- Database matches R41WG decisions but will be checked for gaps
- Experts consider it is diverse and broad enough to be the basis for further discussions of ISO362-2, e.g. for limit values

ASEP

- Proposed ASEP test was subject to interpretation and resulted in large spread of test results
- Issues still to be resolved are:
    - the slope of the limit lines
    - measurement tolerances
    - the scope of application, after analysis of test results, e.g. possible exclusion of CVT vehicles
    - whether the present database can validate the new ASEP concept or if extra tests are necessary
- Will monitor R51 ASEP TF discussions for new ideas
- R41WG to consider if the ASEP test should be a regular part of type approval or only used in case of need

Roadside enforcement

- Past agreement: stationary and possible drive-by enforcement tests would be options for CPs in R41
- Proposed roadside test:
  - low entry speeds and unstable accelerations
  - driveability problems and variable results
- Data group to review database for datasets that can be used as test parameters/reference values for enforcement testing, e.g. outputs from the basic ISO362-2 WOT testing
- Need for R41WG and GRB to discuss:
  - the treatment of OE and RESS (role of R41 and R92)
  - the role of: type approval, CoP and roadside enforcement

Next steps

- Data group to analyse enlarged database, to resolve remaining issues
- Documents to be circulated by 31 October
- Next Data group meeting: 22 November
- Report and recommendations to R41WG as soon as possible after that, depending on results/discussions