

GROUP RESEARCH PROGRAMME

DISTRIBUTION OF EFFORT AND PROJECTS FOR 1990

Slide 1 Professional effort distribution.

Professional staff are defined as Grade 5 and above (UK terminology) - this is equivalent to jobs with more than 241 points on the Hay evaluation system. It includes junior graduates and senior technicians as well as equivalent management and administration staff in each R&D Centre.

Numbers almost identical to 1989 except for B&W who are planning to recruit 8 extra professional staff in 1990.

Due to company structure changes, Wills (Australia) is not included.

SLIDE 2 Distribution of the 403 professionals in 1990 in R&D organisation.

Souza Cruz, B&W and BATUKE each have a quarter of the total R&D professionals.

SLIDE 3 Distribution of the 403 man years professional effort by scope of project.

Services/overheads includes administration, management, library services, etc. for each R&D Centre.

Some small changes in distribution compared to 1989 (Group benefit projects decreased from 18 to 16%).

SLIDE 4 Distribution by scope in the five organisations.

Note that B&W have not classed any projects as Group benefit.

SLIDE 5 Distribution of the 403 man years professional effort by depth of projects.

The large support figure includes administration, computing, analysis, etc.

Compared to 1989, the proportion of Fundamental and Support work has decreased, while Applied/Development work has increased.

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SLIDE 6 Distribution by depth in the five organisations.

The Fundamental work in BATUKE is the Group funded research apart from Project GREENDOT.

Project GREENDOT has now largely moved to an Applied/Development stage.

SLIDE 7 There may be an advantage in including another category into the Depth classification of projects:

Exploratory Research - free ranging, intuitive experimentation. This would be of short timescale and would output new ideas/concepts.

Examining all projects on the 1990 GRP database, 40 man years of effort can be identified as exploratory research. This is included in the pie diagram in Slide 7.

SLIDE 8 This shows the identified exploratory research distributed amongst the five organisations.

SLIDE 9 Distribution of the 403 professional man years effort by objective of project.

This distribution is similar to that in 1989 and previous years.

SLIDE 10 Distribution of 172 man years effort on (Group Relevant + Group Benefit) projects.

Compared to 1989 the contributions of Souza Cruz has fallen while B&W and BATUKE contributions have increased.

SLIDE 11 Distribution of effort amongst Group Projects (Group Relevant + Group Benefit).

By objective - Similar to 1989.

9% of total effort is devoted to the alternative projects (Projecta GREENDOT and NOVA).

SLIDE 12 Distribution of the 64 man years effort on Group Benefit Projects.

In 1989, 12% of total Group Benefit effort was B&W's Project AIRBUS. This has now stopped and Project NOVA has begun at BATUKE.

Half the total Group Benefit projects are done by BATUKE, and one quarter by Souza Cruz.

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SLIDE 13 Distribution of Group Benefit effort by organisation and depth.

BATUKE - Project GREENDOT is Applied/Development.

Support work includes work of R.R. Baker, H.F. Dymond and others on CORESTA, ISO, etc.

SLIDE 14 List of Group Benefit Projects and internal effort for BATCF and BATUKE.

Note: Contribution of BATCF to Project GREENDOT needs clarification.

BATUKE includes a small project area for unprogrammed work for CAC companies (e.g. radioactivity work for Souza Cruz) and co-ordination of the Group Research Programme.

SLIDE 15 Group Benefit projects in ITL and Souza Cruz.

SLIDE 16 Summary of 41.5 man years external effort.

These figures are very approximate at present and subject to budget acceptances.

The effort figures are estimated from the values of the various contracts.

External effort for BATCF, BATUKE, B&W and ITL is in support of specific project work.

SRG and BATCo funded projects are conducted at a variety of hospitals and universities, generally aimed at clarification of smoking and health related issues.

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