

## ENUM & regulation of Internet names

Tony Holmes BT  
Chairman of UK ENUM Group

CEPT Conference  
Nice - October 2003



## ENUM & the Internet naming environment

- ENUM will use E164 numbers as part of a domain name



+44 1732 475517



715574237144e164.arpa



- How regulation impacts is dependent upon the Comm's Bill
- In the UK...numbers are regulated, domain names are not
- This raises key issues for ENUM



## Control and Administration of Numbers

- ITU responsible for administration at the top level  
e.g. assignment of E,164 Country Codes
- National resources administered by NRAs
- For ENUM ITU procedures ensure no ENUM CC delegations without agreement of the Administration
- Rules for insertion of numbers in ENUM is a national issue
- ETSI have specified guidelines for European implementations (ETSI TS 102 051: "ENUM Administration in Europe")



## Control and administration of DNs

- Control of domain names in ENUM is a national issue
- ENUM implementation will require  
‘ENUM policy development’
  - who will make the rules?
  - how will they be implemented?
  - what powers will exist?

Currently there are few answers

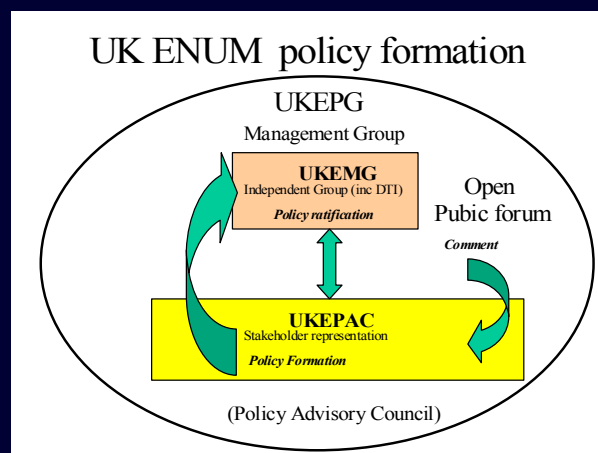


## A UK Perspective on ENUM governance

- UKEG identified two key requirements
  - an open competition for Tier 1 required adjudication
  - policy development had to be open, fair and transparent
- The key issues were
  - who should make the decisions on Tier 1
  - who should develop policy and on what basis
- UK Government stated 'it would not be them' and looked towards industry to make acceptable proposals



## Current proposed approach towards ENUM policy formation in the UK



## Proposed make up of the Management Group and the Policy Advisory Committee

### UK ENUM MANAGEMENT GROUP

Representatives from  
Independent Organisations

DTI (Observers)

### UK ENUM POLICY ADVISORY COMMITTEE

Tier 1 Registry                      Authentication Agencies

Tier 2 DNS Providers              Application Providers

Tier 2 Registrars                  Users

DTI (Observers)

Others?

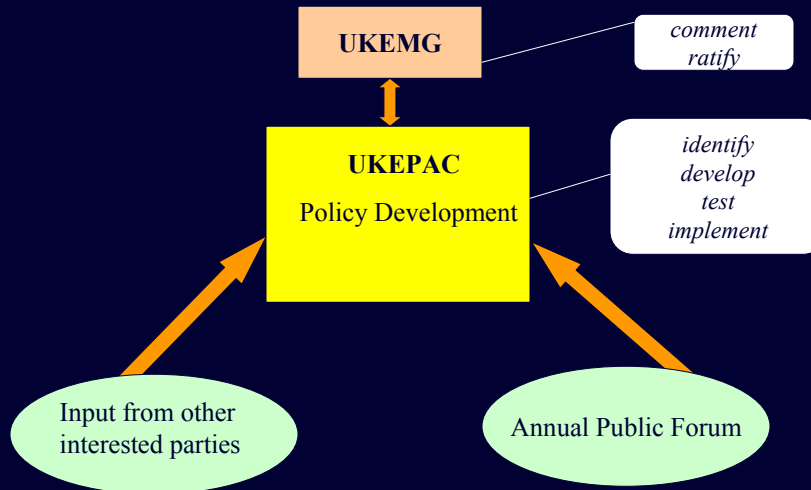


## Purpose of the Management Group

- Facilitate an open, competitive environment
- Ensure the required degree of transparency
- Safeguard the integrity and rights of users
- To meet the needs of the ENUM Players
- Underpin commercial requirements through the use of effective contractual arrangements where deemed necessary
- Comply with all EU and UK regulatory requirements which impact the ENUM environment



## UK ENUM Policy development



## The Tier 1 Issue

- Open competition for Tier 1 Registry
- Basic principles for registry operations developed
  - operational and technical requirements
  - business, financial, legal and other requirements

### FUTURE STEPS

- Invitation to tender
- Independent evaluation of bids
- Contractual arrangements between new 'policy body' and successful applicant

## The Way Forward

- **Public consultation end of 03**
- **UKEG trial continuing to provide additional experience and identify new issues**
- **On-going discussions with industry/other interested parties**
- **Further work on**
  - legal standing /recognition of policy body
  - relationship with existing UK ENUM Group
  - development of detailed by-laws
  - disclosure obligations
  - timeframes and impact on commercial launch



## Thank You

Tony Holmes  
e-mail: [tony.ar.holmes@bt.com](mailto:tony.ar.holmes@bt.com)



