INTERNATIONAL HEALTH TERMINOLOGY STANDARDS DEVELOPMENT ORGANISATION
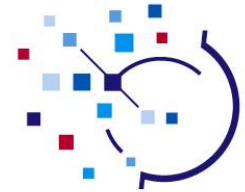
Welcome to
SNOMED CT Implementation
Showcase Conference

Sydney, Australia
Thursday 13th October 2011

Agenda (1)

- Introduction
- Formal welcome
  - http://www.usc.edu.au/students/Future/StudentSupport/IndigenousServices/welcometocountry.htm
  - 'Welcome to Country' and 'Acknowledgement of Traditional Custodians'
- About the IHTSDO and SNOMED CT
- Housekeeping
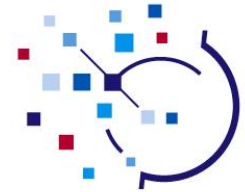- Introduction of keynote speaker

The IHTSDO: What is this about?

- An international <u>effort</u> to produce and enhance a global clinical terminology standard
- An <u>organisation</u> that owns & supports that effort
- An organisation that is <u>financially sustainable & open</u>
- A set of <u>products and services</u> produced by that organisation
- Set of explicit <u>principles</u> that guide decision making
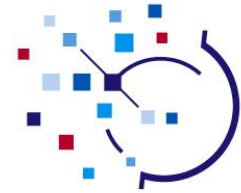- An organisation focused on the global citizen and their health

Status of the IHTSDO

- The IHTSDO is a Danish Association

- The Association is a registered not-for-profit entity in Denmark [23rd March 2007]

- Articles of Association detail the who, what, where and how of the Association

- The Association owns the intellectual property

- Intellectual property in SNOMED CT and antecedent works (SNOMED 3.5, RT etc.) transferred to the IHTSDO [26th April 2007]
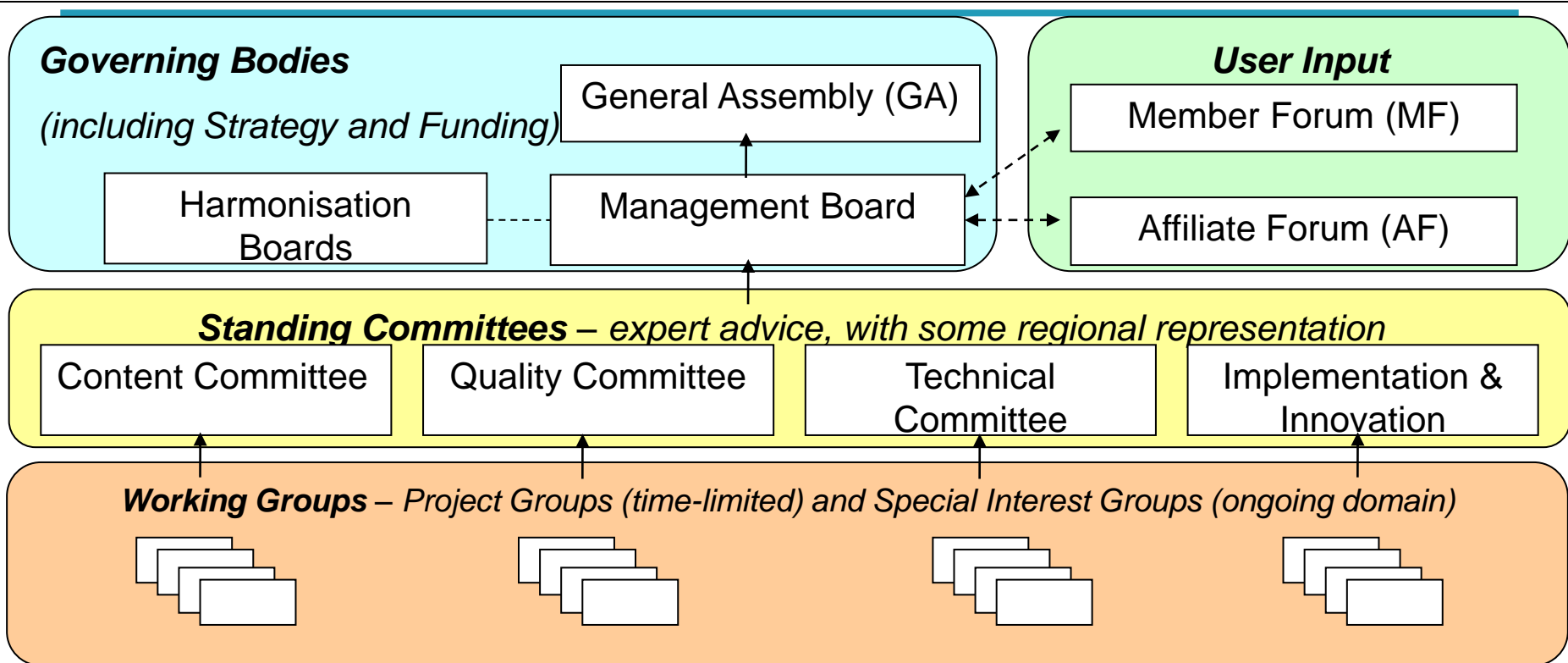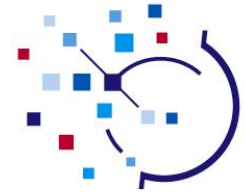
Status of the IHTSDO

- The Members control the organisation and the Articles of Association; [subject to Danish Law]

- 17 Members:
  Australia, Canada, Cyprus, Denmark, Estonia, Iceland, Lithuania, New Zealand, Malta, Netherlands, Singapore, Slovenia, Slovak Republic, Spain, Sweden, UK, USA

- Expressions of interest from a number of other nations we hope will join!

IHTSDO Governance Structure

Governing Bodies

(including Strategy and Funding)

General Assembly (GA)

Harmonisation Boards

Management Board

User Input

Member Forum (MF)

Affiliate Forum (AF)

Standing Committees – *expert advice, with some regional representation*

Content Committee

Quality Committee

Technical Committee

Implementation & Innovation

Working Groups – *Project Groups (time-limited) and Special Interest Groups (ongoing domain)*
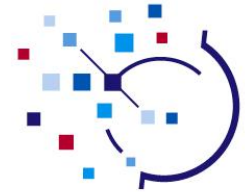
[Some] Directors and Officers

- Quality
- Content
- Technical
- I&I
- Member Forum
- Affiliate Forum

- Kathy Farndon
- Lene Vistisen
- David Bunker
- Don Sweete
- Kristina Brand Persson
- Andy Wiesenthal

- Jane Millar
- Kent Spackman
- John Gutai
- David Markwell
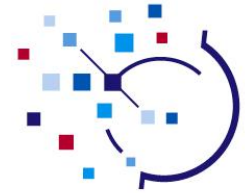- Jan-Eric Slot

- David Markwell

IHTSDO Products

- SNOMED CT
  - International Release
  - Ability of Members & Affiliates to extend the International Release
  - Ability of Members & Affiliates to create derivatives from the International Release
- Tooling
  - Related to production of SNOMED CT and Harmonisation Products
- Harmonisation Products
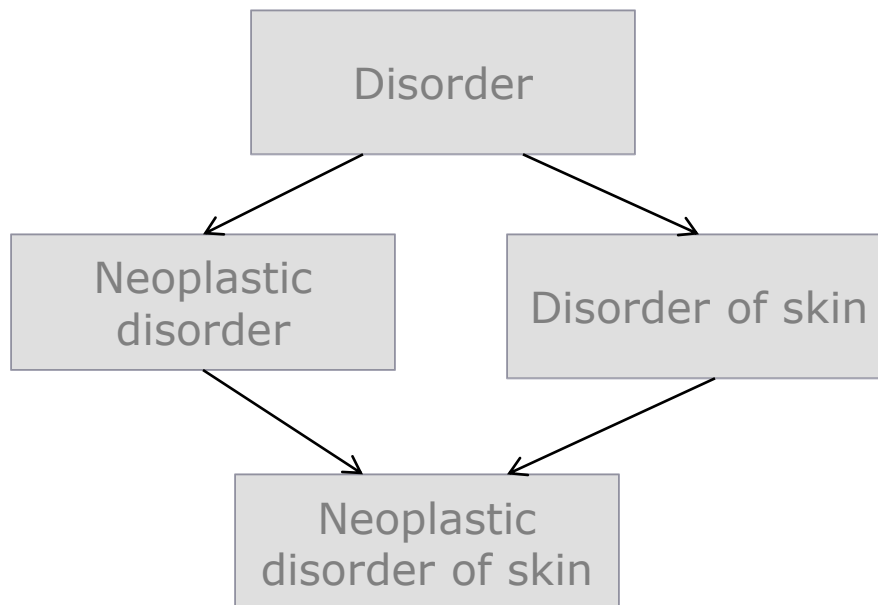 - Linkages including mappings
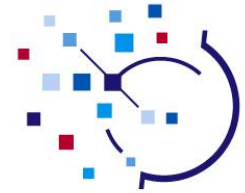
SNOMED CT Constructs

- **SNOMED CT consists of four primary constructs:**
  - **Concepts** – same as DL Concepts, these can be primitive or defined.
  - **Descriptions -** the text used to describe a Concept. These can be in multiple languages.
  - **Relationships** - same as DL existential relationships.
  - **Reference Sets** – extensible groups of concepts, descriptions or relationships.
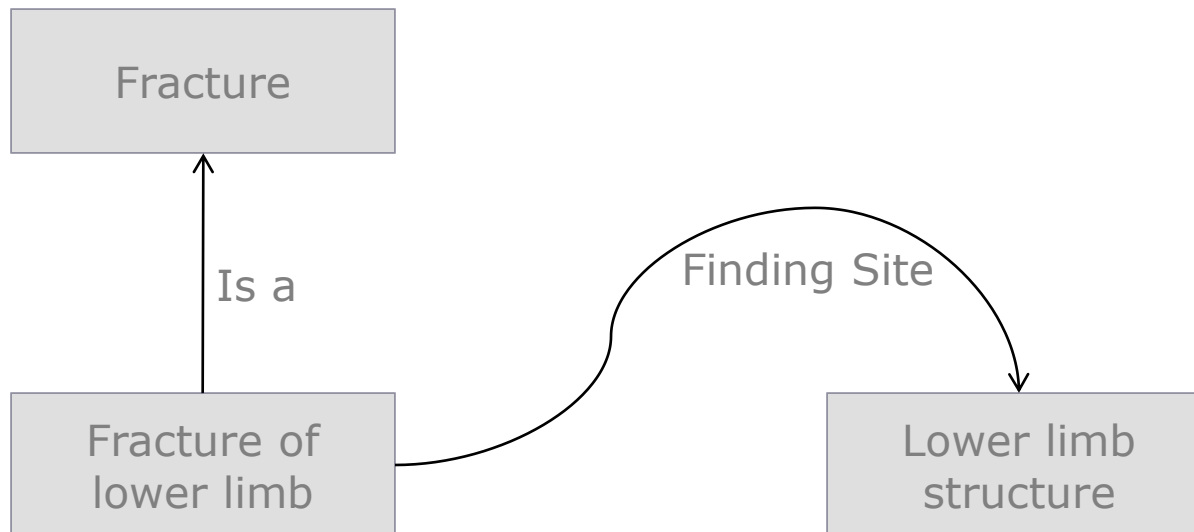
The SNOMED CT Hierarchy

- Concepts are arranged into a multi-parent acyclic subsumption hierarchy:

SNOMED CT Roles

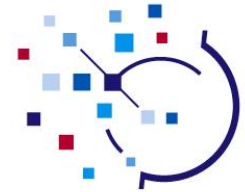- Concepts may be refined using roles:
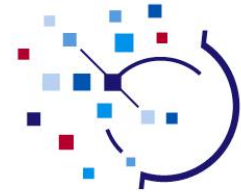
Terminology Tools – the IHTSDO Workbench
An open source tool for terminology management

- Terminology Lifecycle Management
- Automated Workflow
- Searching, browsing and editing support
- Support for Reference sets
- Support for cross-mapping and translation
- Support for Classification
- Build process automation
- Change management and conflict resolution
- Collaboration tools
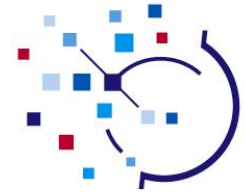- Project management and support tools
- Lexical support

Harmonisation

- IHTSDO has a duty not to duplicate and ensure SNOMED CT works with [interoperates] other international standards
  - Project to map SNOMED CT to ICD 10 [phase 1 complete; error rate 3% in first 20,000 concepts mapped [WHO]
  - Project to build ICD 11 [WHO]
  - Project to link SNOMED CT with ICPC v2 [WONCA]
  - Active discussions with owners of LOINC, C-NPU, GMDN

Housekeeping

- Breaks: Thursday

  - Lunch - restaurant at 12.30-13.30

  - Tea break - 15.00-15.30

  - Breaks outside the Endeavour suite, and other coffee points on this floor.

- Breaks: Friday

  - Lunch – restaurant at12.15-13.30

  - Tea Break – 15.15-15.30

  Please use these times to visit our Exhibitors and see the Poster Presentations

Reminder: We are an international organisation so.....

Participation Memorandum

- **L**isten; try not to interrupt someone when speaking

- **E**nable; bring people into the discussion

- **T**alk clearly; to give the audience a chance to assimilate the information

- **I**dioms; avoid if possible, as they have the ability to confuse

- **N**ever forget; the person on the phone