

## ELEMENT 2 – Promoting research and development

Para numbers – Rio numbers first then conf paper from Monday.

7. (10). Remove “within developing countries”.

8. (11).

2.1 (a) Developed countries ~~to should~~ devote more a larger proportion of their health research ~~and/or~~ development budgets to the health needs of developing countries.

(b) “Promote publication of access to the results of government funded research through requirements that all investigators make available the results of their research”.

2.2 Supporting governments in improving to develop and improve national health research programmes and facilitating establishing strategic research networks to better coordination of stakeholders in this area

(a) Promote cooperation between private and public sectors on research and development

(b) Provide support for national health research programmes in developing countries through political action and long-term funding.

(c) Develop and implement systems for supporting health-related innovation in developing countries ~~including intellectual property management~~

### 2.3 Promoting upstream research & product development in developing countries

(a) promote discovery science, including through open-source methods, in order to develop a sustainable portfolio of new products

~~(b) promote access to drug leads identified through the screening of compound libraries. Already dealt with in element 1.2).~~

(c) promote basic and applied scientific research on ~~Type II and Type III~~ diseases that disproportionately affect developing countries / on public health needs. *Or could delete.*

(d) promote early-stage drug research and development in developing countries. *Or could delete.*

~~(e) developing countries to consider legislation that is compliant with the Agreement on Trade-Related Aspects of Intellectual Property Rights relating to research exemptions. (Can discuss this under Item 5 on IP management).~~

~~(f) promote public and other sources of funding for clinical trials [and other mechanisms for stimulating local innovation] taking into account ethical standards. Indian amendment can be dealt with under Item 3.4 on traditional medicines.~~

~~(g) enable and support the acquisition of new knowledge and technologies that will facilitate the development of new health products including drugs, vaccines and diagnostic tests to tackle the health problems of developing countries.~~

## **2.4 Improving global coordination and financing of medical research and development**

(a) improve [stimulate] global coordination [cooperation] and financing, using systematic reviews and needs assessment

(b) ~~set up a forum or enhance existing fora, ones and examine the need for new mechanisms,~~ in order to improve the coordination of research and development activities and sharing of information

(c) [support further discussion of a medical research and development treaty]

~~2.5 Ensuring access to knowledge and technology relevant to meet public health needs of developing countries Delete whole section, already dealt with.~~

### ELEMENT 3 – BUILDING AND IMPROVING INNOVATIVE CAPACITY

27 / 12 [Developing innovative capacity requires an approach that ~~interconnects~~ includes education, intellectual property and technology transfer.] There is a need to frame and support effective policies that promote the development of capacities in developing countries related to health innovation. Key areas for investment are capacities relating to science and technology, clinical trials, regulation, intellectual property and traditional medicine.

- ~~• rational health orientated IP management.~~

28 / 13

3.1 Building capacity of developing countries to meet research and development needs for new health products. (a – d)

No comments (on either original or Rio texts).

3.2 Framing and supporting effective policies that promote the development of capacities for health innovation

- (a) strengthen product regulatory capacity ~~in health issues in developing countries according to the needs of each country~~
- (b) No comments (on either original or Rio texts).
- (c) Address appropriate training and retention of researchers and health professionals, including issues relating to migration, taking into account the work of WHO and other relevant organizations.

3.3 *Prefer original text (especially for chapeau):*

Providing support for innovation capacity building in developing countries, including in areas such as science and technology, regulation, clinical trials, the transfer of technology, traditional medicine and intellectual property

- (a) document and disseminate best practices in innovation
- (b) develop successful models in developing innovative capacity
- (c) intensify North-South and South-South partnerships and networks to support capacity building.

3.4 Supporting the policies of developing countries in promoting innovation and development of traditional medicines, within an evidence-based framework

- ~~(a) develop and promote traditional medicine within an evidence-based framework~~
- ~~(b) promote documentation of traditional knowledge and natural genetic resources~~
- ~~⇒ (i) encourage all countries to ensure high standards of safety and efficacy for traditional medicines~~
- ~~⇒ (ii) encourage research on mechanisms for action and pharmacokinetics of traditional medicines.~~

## ELEMENT 4 – TRANSFER OF TECHNOLOGY

Para 29 / 14 – No comment.

Para 30 / 15

4.1 promoting transfer of technology and the production of health products in developing countries

(a) ~~devise a mechanism or make better use of existing mechanisms ones...~~

(b) promote transfer of technology and production of health products in developing countries through investment and capacity building ~~provided by developed countries.~~

(c) encourage the dissemination of technological and other information contained in patents and patent applications, as well as information related to patent status, oppositions, revocations and nullifications.

4.2 supporting improved collaboration and coordination of technology transfer for health products, bearing in mind different levels of development

(a) encourage North-South and South-South collaboration, and collaboration between institutions in developing countries and the pharmaceutical industry, in order to encourage and support regional networks in R&D for health related technologies and product innovation.

(b) ~~Support technology transfer related to research and development on natural products for medical use~~

(c) Facilitate local and regional networks for collaboration on research and development

(d) Urge developed countries to comply with obligations under Article 66.2 of the Agreement on Trade-Related Aspects of Intellectual Property Rights

(e) Promote the necessary training to increase absorptive capacity for technology transfer.

4.3 developing mechanisms to manage intellectual property, ~~in a rational and health-oriented manner,~~ in order to promote of and access to key technologies

(a) ~~promote examine the feasibility of voluntary patent pools of upstream and downstream technologies to promote innovation of, and access to, products for priority diseases disproportionately affecting in developing countries and the evaluation of its practical application~~

(b) develop ~~the~~ additional effective and sustainable mechanisms to promote innovation of, and access to, products for ~~priority diseases in~~ disproportionately affecting developing countries

(c) ~~support the development of mechanisms to promote innovation of, and access to, products for priority diseases disproportionately affecting in developing countries and the evaluation of its practical application~~