PLEADING FOR A WORLD ENVIRONMENT AND DEVELOPMENT ORGANISATION

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Setting the scene

A comprehensive and systematic global environmental policy does not yet exist. Nonetheless, the first outlines of a new policy arena are becoming visible. An arena which, while still fragmented, is essentially global in scope. Scenarios depicting possible futures have illustrated how urgent it is to act, and have demonstrated the dangers of inaction or procrastination. If the economies of industrialised countries are not ecologically restructured, and if the catch-up development process of developing countries and of countries in transition is not made resource and energy efficient, an ecological impasse for the world as a whole would seem inescapable.

Local and national initiatives can mitigate such a global problematic, but only global policy approaches can really solve it. The protection of the global environment may thus well become the chief challenge in the coming era of intensifying economic globalism.

To date, politicians have reacted by attempting to improve co-ordination and co-operation among states: According to Richard E. Benedick, a veritable "explosion of international environmental law" has taken place. The volume of environmental agreements is indeed impressive (Table 1). But have these agreements ever been implemented? Has the "explosion" of legal instruments really benefited the environment? Are governments complying with what they resolved at the major international environmental conferences, notably Stockholm in 1972, Rio de Janeiro in 1992 and New York in 1997?

Successes have indisputably been achieved. In Europe, for instance, sulphur emissions have been curbed. The 1987 Montreal Protocol on Substances that Deplete the Ozone Layer has ensured that the production and consumption of chlorofluorocarbons (CFCs) in industrialised countries has practically ceased. The 1992 United Nations Framework Convention on Climate Change, by contrast, has not yet had the same success. Whether the 1992 Convention on Biological Diversity has been able to halt species decline is also in doubt.

Table 1. Selected International Environmental Agreements (with the year of adoption and of entry into force)

Convention on the International Regulation of Whaling (1946, in force 1948)
International Convention for the Prevention of Pollution of the Sea by Oil (OILPOL, 1954, in force 1958)
Convention on Fishing and the Conservation of Living Resources of the High Seas (1958, in force 1966)
Treaty Banning Nuclear Weapon Tests in the Atmosphere, in Outer Space and Under Water (Partial Test Ban Treaty, 1963, in force 1963)
Convention on Wetlands of International Importance, Especially as Waterfowl Habitat (Ramsar Convention, 1971, in force 1975)
Convention concerning the Protection of the World Cultural and Natural Heritage (1972, in force 1975)
Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter (1972, in force 1975)
Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES, 1973, in force 1975)
International Convention for the Prevention of Pollution from Ships (MARPOL, 1973, in force 1983)
Convention on the Prohibition of Military or Any Other Hostile Use of Environmental Modification Techniques (1977, in force 1978)
Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention, 1979, in force 1983)
Convention on the Protection of the Ozone Layer (1985, in force 1988)
Protocol (to the 1985 Vienna Convention) on Substances That Deplete the Ozone Layer (Montreal Protocol, 1987, in force 1989)

United Nations Convention on Biological Diversity (1992, in force 1993)

Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal (Basel Convention, 1989, in force 1992)

United Nations Framework Convention on Climate Change (1992, in force 1994)

United Nations Convention to Combat Desertification in Countries Experiencing Serious Drought and/or Desertification, particularly in Africa (1994, in force 1996)

Kyoto Protocol to the United Nations Framework Convention on Climate Change (1997, not yet in force)

We suggest viable proposals for improving the implementation of treaties and agreements, and concentrate on the system of global environmental and development policy institutions, outlining how these could be reformed.

More efficiency and co-ordination will not suffice

The view that the existing international organisations are too cumbersome, that they need to become leaner and to have more efficient procedures, is commonly voiced. According to this point of view, we do not need new and more powerful organisations to improve effectiveness in global environmental policy, but an "efficiency revolution" within the United Nations system. We shall not discuss this view in detail here. However, if we compare, for instance, the budget of the UN Secretariat in New York with the — larger — budget of the New York fire brigade, then we find that the UN is not the money-devouring hydra that public opinion so frequently sees. Nor can the workings of a multilateral organisation that employs staff from 180 countries according to a sophisticated quota system be compared to an industrial company or a state agency.

Table 2. The United Nations Environment Programme (UNEP)

In the course of the 1972 Stockholm "Conference on the Human Environment," the UN General Assembly decided to establish an independent United Nations Environment Programme (UNEP). UNEP is not a specialised agency with its own membership and legal personality, but merely a subsidiary body of the UN General Assembly. The main function intended for UNEP within the overall UN system was that of an "environmental conscience," a "policy catalyst" with modest funds, triggering environmental protection projects of other bodies and specialised agencies and co-ordinating UN environmental policy. While the administrative costs of the UNEP Secretariat and its Governing Council are covered by the general UN budget, an additional Environment Fund supported by voluntary government contributions serves to finance specific projects. This programme budget amounted to just under 100 million US dollars in 1996/1997.

The guiding political body of UNEP is its Governing Council, in which the developing countries have a majority of votes. The UNEP Secretariat carries out the decisions of the Governing Council and is the permanent administrative body of UNEP. Since early 1998, its Executive Director is the former German environment minister and former chairman of the CSD, Klaus Topfer. Nairobi was chosen as seat of the UNEP Secretariat, thus locating a UN body in a developing country for the first time.

This is not to say that global environmental policy could not gain strength if the management of the United Nations Environment Programme (Table 2) or of the UN Commission on Sustainable Development (Table 3) were made more efficient. What must be kept in mind, though, is that a minimalist strategy of efficiency improvement is no panacea; this can only be an element, but not the core of a new global environmental policy.

Table 3. The UN Commission on Sustainable Development (CSD)

In the course of the 1992 "Earth summit" in Rio de Janeiro, a new body was created with the United Nations: the Commission on Sustainable Development (CSD). This new commission is attached to the Economic and Social Council of the United Nations (ECOSOC), one of its principal organs; its 53 members are elected on a regional basis and should preferably represent the ministerial level. The work of the CSD proceeds on the basis of Agenda 21, the legally non binding "Programme of Action for Sustainable Development" adopted in 1992 in Rio de Janeiro. Apart from administrative costs, the CSD has no funds of its own.

The CSD fails to do justice to the cross cutting function that many had ascribed to it: Only environment and development ministers are represented, but not the ministers for finance, economic or foreign affairs. The most important decisions continue to be taken within the sectoral regimes, such as at the conferences of parties to the Climate Convention and to the Biodiversity Convention. However, the CSD has indeed been able to play a pioneering role in the field of forest conservation.

Improved co-ordination of international environmental policy is another frequently voiced demand. The principal players have, in the past, included UNEP — with offices in Nairobi and Geneva, the CSD in New York and the Global Environment Facility (GEF) managed by the World Bank, UNEP and the United Nations Development Programme — the GEF's "implementing agencies." Then there are the conferences of the parties to the Climate Convention, the Biodiversity Convention, the Desertification Convention and the Montreal Protocol, to the conventions on wetlands, the protection of world cultural and natural heritage and the conservation of migratory wild animals, and to further treaties, all with their own secretariats and bureaus. However, almost all of these institutions overlap to some degree with each other in their areas of competence. Common ground is found on an *ad hoc* basis, through individual conferences of the parties entering into agreements concerning co-ordination and co-operation among each other or with UN agencies.

An improved networking among the decentral conferences of the parties, convention secretariats and UN agencies and departments and among the World Bank, OECD and World Trade Organisation (WTO) would certainly be an important step towards optimising global environmental and development policies. However, without the corresponding institutional and financial strengthening, such improved networking will not bring about adequate progress on its own. As far back as the 1970s, a co-ordination committee for UN environmental policy was set up without solving the problem.

Therefore, instead of merely calling for improved efficiency and co-ordination, we propose the establishment of a World Environment and Development Organisation (Figure 1) as a new specialised agency of the United Nations. At the very least, the World Environment and Development Organisation should integrate UNEP, the CSD and the relevant convention secretariats. In addition, we would need to examine the extent to which the United Nations Development Programme (UNDP), with its project budget of about one billion US dollars, could be integrated into the new World Environment and Development Organisation. A further important point is that close co-operation with the Bretton Woods institutions — the World Bank, the International Monetary Fund (IMF), and the WTO — and the existing UN specialised agencies would need to be ensured.

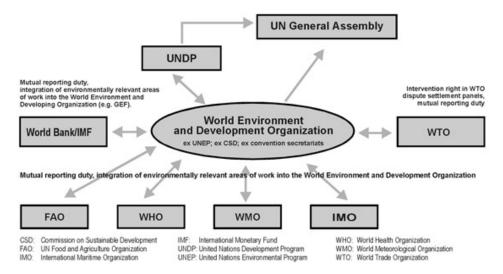


Figure 1. A World Environment and Development Organisation

Why we need a World Environment and Development Organisation

In times of severe budget constraints, whoever recommends the establishment of a new organisation is quickly stamped an idealistic reformer. Nonetheless, we not only consider such an organisation to be realistic, but, moreover, view this as an opportune time to advance such a proposal. If all the synergisms offered by integrating existing programmes are considered, the costs of such a new organisation would not be excessive. The integration of separate programmes and convention secretariats into one organisation leads to substantial savings in terms of administrative costs — above all by grouping UNEP, the CSD and the convention secretariats in Montreal, Bonn, Nairobi and Geneva.

As with all international organisations, the establishment of a World Environment and Development Organisation would need to be adopted at a diplomatic conference, which would determine the Organisation's mandate, budget, financing key and other procedural issues. The founding treaty would then need to be ratified. Not all states would have to join in, and in contrast to an amendment to the UN Charter the permanent members of the UN Security Council would not have a veto power. States with a sceptical stance to the UN need not join from the outset, although their membership would certainly be desirable. They could participate in individual projects and could later join the Organisation at any time.

Which functions should such a new world organisation perform within the system of international institutions? We essentially see three core purposes:

- higher status for the tasks of global environmental and development policy among national governments, international organisations and non-state actors
- improved implementation of the existing instruments of global environmental and development policy and improved institutional arrangements at the international level, to place the new problems on the agenda and to negotiate detailed objectives and measures like new conventions and protocols
- strengthened capacity for action on the part of states, particularly the poorer developing countries, through better international co-operation and support

Raising awareness of problems and generating information

The World Environment and Development Organisation should, as is the remit of most of the UN specialised agencies, raise awareness of problems and enhance world-wide information as a decision-making basis. This embraces both information on the "Earth system" and the present environmental and development problems, and information on the state of implementation of international and national policies for steering global change. Of course, the wheel need not be reinvented.

All global environmental agreements already commit their parties to regularly report on their policies; specialised agencies such as the World Meteorological Organisation (WMO), the International Maritime Organisation (IMO) or the World Health Organisation (WHO) collect and disseminate valuable knowledge and promote further research. The CSD makes important contributions towards developing indicators for sustainable development; and UNEP, not least, is active in all of these fields.

However, a need remains to comprehensively co-ordinate and bundle this knowledge and to process and channel it in a decision-oriented manner. The many contributions currently made by the various international actors are in need of a central anchoring point within the system of international institutions. UNEP could form this anchoring point, but, as a purely ecologically defined programme subsidiary to the UN General Assembly, its resources and present abilities are inadequate. This task would much better be performed by a treaty-based World Environment and Development Organisation that is institutionally independent and has an adequate financial basis through additional funding.

Improving the institutional set-up for implementing sustainable development

Global environmental and development policies are implemented through international regimes under which the states agree to adopt common measures and programmes. The "world legislature" is located in the diplomatic conferences and the various assemblies and committees of the United Nations, its specialised agencies and the Bretton Woods institutions. However, there is a lack of linkage. For instance, there is a lack of effective co-ordination between climate and biodiversity policies. It is thus probable that the crediting of greenhouse gas sinks under the Kyoto Protocol to the Climate Convention will create incentives in forest policy that run counter to the objectives of biodiversity policy, because the Protocol rewards, as a climate policy measure, the logging of – species-rich – primary forests and subsequent reforestation with – species-poor, but rapidly growing – plantations.

A further central issue is that the global environmental crisis is essentially not a technical problem that might be solved by sectional policies alone. What is required in addition is a world-wide political strategy that promotes the guiding principle of sustainable development in international trade policy, in development co-operation and in international industrial and financial policies. UNEP is not in a position to pursue this, and the CSD has not had much success here, either. This is why the establishment of a strong World Environment and Development Organisation could provide a new forum for negotiating and implementing a global strategy of

sustainable development

Guaranteeing support for developing countries

The 1992 "Earth Summit" in Rio explicitly recognised the principle of "common but differentiated responsibilities and corresponding abilities" of states in global environmental policy. The weak cannot carry the same load as the strong. This initially resulted in several of the subsequent international agreements making a differentiation of commitments; developing countries must do less for the global environment than industrialised countries. This then leads to the commitment of the industrialised countries to finance the additional costs incurred by developing countries in protecting global environmental goods. Insofar as the global environment is concerned, the North has declared itself financially and technologically willing to support the efforts of the South. However, here too, the system of international institutions has displayed an *ad hoc* approach that has at best partially satisfied the requirements of transparency, effectiveness and participation of affected parties.

Many developing countries continue to reject the Global Environment Facility (GEF) as a central financial mechanism. One reason for this is that the GEF's award criteria, for instance the limitation to "global" environmental problems, still correspond too little to the interests of the developing countries (Table 4). A mosaic of separate funds continue to operate beside the GEF: the Multilateral Ozone Fund, the funds under the conventions on the protection of world heritage, the protection of the Mediterranean, the new "Clean Development Mechanism" of climate policy and so forth.

The establishment of a World Environment and Development Organisation could provide a new approach by which to co-ordinate the various financial mechanisms in order to maximise synergistic effects and to administer, in trust, the finances of the various sectional funds. This could integrate the functions of the GEF — and thus dissolve it. Such a proposal could be made acceptable to the industrialised countries by giving the World Environment and Development Organisation a decision-making procedure factually corresponding to that of the GEF. A more detailed explanation follows.

Do we need more far-reaching approaches?

The World Environment and Development Organisation proposed here should remain basically restricted to the three above functions. By contrast, a number of *maximalist* proposals have been put forward elsewhere that go much further and aim at fundamental changes to the system of international institutions.

Supranational environmental agencies

Some proposals speak of the necessity of a greater relinquishment of national sovereignty, for instance through a "world environment council" or an "environmental security council," equipped with coercive powers to enforce majority decisions in global environmental policy. Given the current state of international relations, such proposals appear rather unrealistic, for one thing because they would require an amendment to the UN Charter — and this can only take place with the agreement of two thirds of all states, including the votes of all of the permanent members of the UN Security Council — China, France, Russia, the United Kingdom and the USA. Currently, the developing countries — above all China — fiercely resist any suggestion in international documents of a restriction to their sovereignty, nor are the industrialised countries — above all the USA — willing to go very far in this respect.

The same problem attaches to the proposal to convert the existing UN Trusteeship Council, which has become obsolete after the independence of the UN trust territories, into a "global environmental trusteeship council."

This idea has been put forward by, among others, UN Secretary-General Kofi Annan in 1997, in his programme for reform entitled Renewing the United Nations, which suggested converting the UN Trusteeship Council into a council for the global commons. However, the Secretary-General remained rather vague regarding the functions of such a trusteeship council, which would, in all events, require an amendment to the UN Charter. An administration in trust by the United Nations only appears practicable for areas not subject to national sovereignty. However, stronger UN control of the Antarctica is presently scarcely enforceable against the resistance of the parties to the Antarctic Treaty. A stronger trust function of the United Nations is indeed worth considering for the oceans, above all beyond the 200-mile zone, and also for outer space.

Table 4. The Global Environment Facility (GEF)

In order to counter the demand of the developing countries for an independent climate fund or world environment fund, the establishment of a Global Environment Facility (GEF) within the World Bank was decided upon in 1990, proceeding from a German-French initiative. The funds of the GEF are dedicated to protecting global environmental goods: protecting the climate, the ozone layer, international waters and biodiversity. Soil protection is also included insofar as there is a link to the first four focal areas. This means that projects which only have a local importance for developing countries are not promoted, such as hazardous waste disposal, drinking water safety or handling hazardous chemicals. The financial endowment of the GEF has amounted to some 760 million US dollars per year recently. The new facility is administered by the World Bank together with UNDP and UNEP.

Originally, the final decision as to the assignment of funds rested with the World Bank, meaning that the industrialised countries determined the policy of the GEF. This is why the developing countries demanded a reform of the facility, which took place in 1994. The "GEF II" is now an independent body with its own Assembly, Council and Secretariat. Of the 32 seats in the Council, sixteen are occupied by developing countries, two by former state-trading countries and fourteen by OECD countries. If consensus cannot be found, decisions are taken by qualified majority, which must include both 60% of the total number of GEF participants and 60% of the total contributions. The developing countries are therefore in a position to block GEF decisions, but not to enforce them on their own, as they can, for instance, in the UN General Assembly.

International environmental court

An "international environmental court" is also being debated, above all among academic lawyers. However, the concept of adjudication by supreme courts cannot readily be transferred to global environmental policy. The International Court of Justice (ICJ) in The Hague can, albeit, rule on all issues of international law, and thus also on the interpretation and implementation of international environmental agreements. The catch to this is that the court can only rule if both parties, the plaintiff and the defendant, agree to put the case before the court. This, however, is rarely the case. The ICJ has never yet been called upon to interpret environmental agreements and this remains unlikely for the future, too, in view of the trend towards non-confrontational approaches to resolving cases of non-compliance with individual agreements. The introduction of binding adjudication for the ICJ or the establishment of an international environmental court with binding adjudication currently appears similarly improbable. It would seem that no state is yet willing to leave the global regulation of greenhouse gas emissions to an independent body of experts in international law.

Trade-restricting measures

In principle, environmental policies could be enforced by interventions in international trade. The Montreal Protocol provides for restrictions in trade with CFC-containing products vis-a-vis non-parties, even with products that were only manufactured using CFCs and no longer contain them. As the Montreal Protocol was initially almost exclusively negotiated by industrialised countries, many developing countries viewed these trade restrictions as "eco-colonialism," arguing that the expensive environmental standards of the North were being imposed upon the South via the latter's integration in international trade.

A different kind of utilisation of the economic North-South gradient for promoting environmental policy in developing countries can be found in the campaigns mounted by environmental associations in industrialised countries to make export financing conditional upon certain environmental standards. In Germany, such a campaign has focussed on the government-backed Hermes export credit guaranty programme. The aim of the campaign is to prevent industrial enterprises of the North that wish to receive an export guarantee from applying substantially different standards in developing countries than in industrialised countries. However, this may also lead to developing countries having to bow to external economic pressure and, at least partly, adapt to the environmental policy objectives of the industrialised countries.

We thus consider this to be a double-edged development. On the one hand a "race to the bottom" in environmental standards must be prevented, i.e. competition between North and South must not lead to environmental concerns falling by the wayside. On the other hand, where environmental issues only have a local or regional significance there is no cause for intervening in the free decision of developing countries on the environmental and development policies that they consider to be best for them. As concerns global environmental problems, it is precisely the conventions negotiated internationally by mutual agreement — and the World Environment and Development Organisation proposed here — that should contribute to economically efficient, socially acceptable and ecologically effective solutions. The agreements on climate, biodiversity and ozone offer a compromise by assuring developing countries that when they join they will have a right to lower standards and to reimbursement of the incremental costs incurred by their accession.

Outline of a World Environment and Development Organisation

Decision-making procedures

The modes by which strategies are adopted and conflicts are resolved are fundamental to every political institution. While consensus procedures are gaining ground in the day-to-day workings of the UN system, it would be a mistake to belittle the relevance of the structure of voting rights in its bodies. In several international organisations, special tasks and problems have led to the establishment of very specific decision-making procedures. Selected elements of these various procedures could be combined in the World Environment and Development Organisation to ensure its effectiveness and universal acceptance.

In particular, care needs to be taken that decision-making gives equal standing to the North and the South. This way it is assured that the decisions taken by the new World Organisation on strategies and programmes are neither in conflict with the interests of the developing countries nor with those of the industrialised countries. Without consent by the majority of the governments of the South, globally effective environmental and development policies are inconceivable. Nor can such policies succeed without agreement by the majority of the industrialised countries. Decision-making procedures on a basis of North-South parity are thus in essence a "third path" between the South-biased procedure of the UN General Assembly — one country, one vote — and the North-biased procedure of the Bretton Woods institutions — one dollar, one vote.

Under the ozone regime — and for the Multilateral Ozone Fund — it was already decided in 1990 that every decision requires the approval of two thirds of all parties, whereby these two thirds must include a simple majority of the developing countries and a simple majority of the industrialised countries. Since 1994, the decisions of the GEF Council also require a two-thirds majority, which must represent 60% of the states participating in the GEF and 60% of the financial contributions to the Facility. This, too, is essentially a procedure on a basis of North-South parity that gives both the developing countries and the industrialised countries an effective veto power. Both forms of parity procedures could be adopted for the World Environment and Development Organisation. However, as we will plead below for an independent financing of this Organisation, a weighting of votes according to contributions would scarcely be viable — the ozone regime would then remain as a "model" for the Organisation.

One problematic aspect of strict parity procedures is how to agree on which countries belong in which group. Singapore, for instance, has a higher per-capita income than many industrialised countries, but — as a member of the "Group of 77" — continues to be classified as a developing country. Under the ozone regime, grouping is issue-based. If a developing country consumes more than 300 grams of CFCs per capita and year, it is automatically rated as an industrialised country, meaning that it must meet the — stricter — reduction commitments of the industrialised countries and is assigned to that group for the purposes of the parity voting procedure. For a World Environment and Development Organisation, such an issue-based grouping is out of the question. The remaining second best option is the self-definition of states as applied in the UNCTAD and in the UN General Assembly. One should at least be able to expect that developing countries which join the OECD automatically meet the environmental policy commitments of the industrialised countries.

An additional option is to break down the North-South parity procedure into a multiple-parity procedure. For instance, four groups could be formed: (a) Western industrialised countries — with an interim special group of "countries in transition to market economies"; (b) newly industrialising countries; (c) developing countries; and, (d) least developed countries. With four groups, it would remain practicable to require the approval of a majority of the members of each of these groups for every decision of the World Environment and Development Organisation. However, a further break-down into groups endowed with veto power would diminish the effectiveness of the decision-making process.

Within a World Environment and Development Organisation, decision-making procedures on a basis of North-South parity, such as are already practised under the ozone regime and in the Global Environment Facility, are politically realistic, socially just and ecologically sensible. The decisions of the bodies of the Organisation should, therefore, require the approval of two thirds of all contracting parties, these two thirds including a simple majority of the developing countries and a simple majority of the industrialised countries.

Participation of non-governmental organisations (NGOs)

In the international negotiations on environmental and development policies, the importance of non-state environment and development organisations whose work transcends national boundaries has grown substantially. Such transnational associations deliver a diverse array of services to the system of international institutions, including:

- research and policy advice by qualified staff
- monitoring of the mutual commitments of states in a manner impossible to government agencies, which are barred from such intervention
- informing governments and the public about both the actions of their countries' own diplomats and of those of the other negotiation partners
- at diplomatic conferences, giving government representatives a direct feedback on the domestic situation

Against this background, more and more voices are calling for the giving of an international legal status to environment and development NGOs. An important precedent is provided by the decision-making procedure of the International Labour Organisation (ILO), under which each member state is represented with four votes, of which two are assigned to government and one each to management and labour.

At present, a number of problems are inherent in the transferral of such a procedure to global environmental policy. There are, as yet, hardly any federations of environment and development organisations that convincingly represent their entire national clientele. Nonetheless, such coalitions could well emerge in the near future. Indeed, this process could be accelerated by enshrining the representation of voting NGOs from both camps — environment and development associations, on the one hand, and industry associations, on the other — in the statutes of a World Environment and Development Organisation.

The ILO procedure, we think, would be superior to other proposed concepts — such as a "world parliament of civil society" parallel to the UN General Assembly — because a direct international representation of non-state actors could not solve the basic problems of NGOs:

- The individual non-state organisations are not comprehensively legitimated and may only have a small membership.
- Environment and development NGOs are not in a position to compete adequately with the strong financial clout of business NGOs.
- NGOs of low-income developing countries cannot adequately compete with the financially well-endowed NGOs of industrialised countries.

The interests of NGOs should be represented in the World Environment and Development Organisation in a manner modelled on the procedure applied in the ILO. In this way, each state could have four votes at conferences, two being assigned to government and one each to the national representations of environment/development organisations and industry associations

Financing a World Environment and Development Organisation

Various options are available to finance the work of a World Environment and Development Organisation. First, the industrialised countries have recognised since the 1960s the political target of channelling 0.7% of their gross national product (GNP) to development assistance. Until now, only the Scandinavian states and the Netherlands have met the 0.7%-target, some of them even exceeding the 1%-mark at times. The example of the Netherlands shows that industrialised countries can indeed reach that target if supported by a corresponding consensus in society. Raising the payments of the industrialised countries to this level would, therefore, be one way to finance the work of a World Environment and Development Organisation.

The debt crisis of the developing countries since 1982 has led to various proposals aimed at linking the solution to this crisis with the solution of environmental and development policy problems. In the middle of the 1980s, US-based environmental associations began to buy up the debt of developing countries on the world market and to "swap" it with the governments concerned in exchange for certain environmental policy programmes — debt-for-nature swaps — this generally involving the designation of rainforest tracts as protected areas. After this first phase, several Northern governments followed suit in the late 1980s with similar programmes.

Where they were carried out by NGOs, debt-for-nature swaps only had marginal relevance due to the small volume of capital resources mobilised. However, this instrument has not yet been fully utilised by the governments of the industrialised countries. A remission of debt linked with environmental objectives thus indeed holds considerable promise for the future. In particular, industrialised countries could transfer public debt of developing countries to the World Environment and Development Organisation, or could provide the interest from these loans as "knock-on financing" for the Organisation.

It remains a basic problem of all multilateral financial mechanisms that they involve no binding, enforceable commitments. Even where there are fixed membership contributions — such as to the budget of the UN — over and again such payments have been politically instrumentalised or have been made dependent upon the business cycle. As the theory of collective goods shows, the financing of common tasks can thus be systematically undermined by free-riders.

Today, states will scarcely subject themselves to direct taxation. It would seem more realistic to introduce for the financing of global common tasks automatic funding mechanisms in the form of indirect levies that are independent of the day-to-day politics of national finance ministers. This recommendation was also made in 1995 by the "Independent Working Group on the Future of the United Nations," headed by the former Prime Minister of Pakistan, Moeen Qureshi, and the former President of Germany, Richard von Weizsacker. In the CSD debates, attention has focused on two types of such automatic funding mechanisms, both associated with international transactions: a levy on international air travel, and a levy on foreign-exchange transactions.

In the Agenda for Peace, former UN Secretary-General Boutros Boutros-Ghali proposed a levy on international air travel, mainly to finance peace-keeping efforts. A levy of five US dollars on each flown "passenger sector" would deliver annual global revenues amounting to about 1.5 billion US dollars. As a levy on air travel could easily be raised through airports with low verification costs — together with airport charges — its feasibility is very high.

A second promising avenue for financing the World Environment and Development Organisation is to introduce a levy on international foreign-exchange transactions. In order to dampen speculative oscillations on the burgeoning financial markets and to improve the functioning of the market, the future Nobel-laureate James Tobin, back in the 1970s proposed placing a 1%-tax on currency transactions. This came to be known as the Tobin tax. This proposal is currently gaining weight — not only because of the "attenuation" of international financial transactions that it offers, but also because of the possibility of using revenues for environmental and development tasks. Thus, for instance, the late French President Francois Mitterrand voiced his support for the Tobin tax at the World Social Summit in Copenhagen. It has been estimated that a 0.5%-tax on world-wide financial transactions could raise more than 200 billion US dollars annually. These funds could be assigned to the United Nations, its specialised agencies and not least to the World Environment and Development Organisation under discussion here. Although it is conceivable that financial transactions would shift to states that do not levy the tax, if proper arrangements are made this would be associated with costs that could exceed those of the tax. Financing the work of the World Environment and Development Organisation should be organised by:

- raising the public North-South transfer to at least 0.7% of GNP
- assigning the debt instruments of the developing countries or the returns from such loans as knock-on financing for the Organisation
- supporting automatic international funding mechanisms, particularly levies on international air travel or on financial transactions

Conclusions

While improved efficiency and more co-ordination are desirable, they will not suffice on their own to upgrade the efficacy of the existing system of international institutions in global environmental and development policy. This system, therefore, needs to be complemented by a further specialised agency of the United Nations: a World Environment and Development Organisation that integrates existing programmes and institutions. This could, first, serve to give an enhanced status to the urgent tasks of global environmental and development policy among national governments, international organisations, NGOs and civil society at large. Secondly, it could help to improve the institutional setting for the negotiation of new conventions and programmes of action and for the implementation and co-ordination of existing ones. Thirdly, this would be a way to strengthen the capacity for action of states, particularly in Africa, Asia and Latin America, through improved international co-operation and support.

As regards decision-making procedures within the new Organisation, the greatest possible acceptance for the Organisation could be achieved through procedures on a basis of North-South parity modelled on the ozone regime. Here both the majority of the developing countries and the majority of the industrialised countries could each have a group veto power over the decisions. In addition, representatives of environment and development associations on the one side and industry associations on the other should have voting rights according to the tripartite system of the ILO, i.e. each country could have four votes: two for government and one each for the group of environment/development associations and the group of industry associations.

Financing, too, appears feasible. For one thing, considerable costs would be saved by integrating the existing programmes and convention secretariats. In addition, funding can be provided by meeting the 0.7% GNP target of the industrialised countries, by assigning debt instruments of the developing countries to the purposes of the World Environment and Development Organisation, and by introducing automatic funding mechanisms, notably a levy on international air travel or on international financial transactions.

References

- 1. United Nations (1992) Agenda 21. Programme of action for sustainable development. New York
- 2. Benedick R.E. (1998) Ozone diplomacy. New directions in safeguarding the planet. Enlarged edition. Cambridge, Massachusetts
- 3. Biermann F. (1996) "Common concern of humankind." The emergence of a new concept of international environmental law. Archiv des Volkerrechts (34) 4: 426-481
- 4. Brown-Weiss E. (ed) (1992) Environmental change and international law. Tokyo
- 5. Commission on Global Governance (1995) Our global neighbourhood. Oxford
- 6. Committee for Development Planning of the United Nations (1989) Elements of an international development strategy for the 1990s. New York
- 7. Czempiel E.O. and J.N. Rosenau (eds) (1989) Global changes and theoretical challenges. Approaches to world politics for the 1990s. Lexington, Massachusetts
- 8. Douglas W. (1987) The specialised agencies and the United Nations. The system in crisis. London
- 9. Esty D.C. (1994) Greening the GATT. Trade, environment and the future. Harlow
- 10. Gettkant A., Simonis U.E. and Suplie J. (1997) Biopolicy for the future. Co-operation or conflict between North and South. SEF-Policy Paper No. 4. Bonn
- 11. Haas P.M., Keohane R.O. and Levy M.A. (eds) (1993) Institutions for the earth. Sources of effective international environmental protection. Cambridge, Mass.
- 12. Hayes P. and Smith K. (eds) (1993) The global greenhouse regime. Who pays? Tokyo
- 13. Independent Commission on International Development Issues (1983) Common crisis. North-South co-operation for world recovery (Brandt-Report). London
- 14. Intergovernmental Panel on Climate Change (1996) Climate change 1995. Economic and social dimensions of climate change. Cambridge
- 15. Krasner St.D. (ed) (1983) International regimes. Ithaca, New York
- 16. Messner D. and Nuscheler F. (1996) Global governance. SEF-Policy Paper No. 2. Bonn
- 17. Miller M.A.L. (1995) The third world in global environmental politics. Boulder, Colorado
- 18. Myers N. (1993) *Ultimate security*. New York, London
- 19. Ostrom E. (1990) Governing the commons. The evolution of institutions for collective action. Cambridge
- 20. Simonis U.E. (1996) Internationally tradable emission certificates. Linking environmental protection with economic development. Economics 53:96-110
- 21. South Commission (1990) The challenge to the South (Nyerere-Report). Oxford, New York
- 22. Streeten P.P. (1989) Global institutions for an interdependent world. World Development (14) 9:1349-1359.
- 23. The Independent Working Group on the Future of the United Nations (1995) The United Nations in its second half-century (Qureshi/von Weizsacker-Report). New York
- 24. Tinbergen J. (ed) (1976) RIO Reshaping the international order. New York
- 25. United Nations (1995) Agenda for development. New York
- 26. World Commission on Environment and Development (1987) Our common future. Oxford
- 27. Young O.R. (1989) International co-operation. Building regimes for natural resources and the environment. Ithaca, New York

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