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**BASIC INCOME :
A SIMPLE AND POWERFUL IDEA
FOR THE 21ST CENTURY**

Background paper by

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Basic Income : A simple and powerful idea for the 21st century

Give all citizens a modest, yet unconditional income, and let them top it up at will with income from other sources.

This exceedingly simple idea has a surprisingly diverse pedigree. In the course of the last two centuries, it has been independently thought up under a variety of names — “territorial dividend” and “state bonus”, for example, “demogrant” and “citizen’s wage”, “universal benefit” and “basic income” —, in most cases without much success. In the last two decades, however, it has gradually become the subject of an unprecedented and fast expanding public discussion. Some see it as a crucial remedy for many social ills, including unemployment and poverty. Others denounce it as crazy, economically flawed, ethically objectionable proposal, to be forgotten as soon as possible, to be dumped once and for all into the dustbin of the history of ideas.

To shed light on this debate, I start off saying more about what basic income is and what it is not, and about what distinguishes it from existing guaranteed income schemes. On this background, it will be easier to understand why basic income has recently been attracting so much attention, why resistance can be expected to be tough and how it will eventually be overcome. It is the author's firm conviction that basic income will not be forgotten, and that it must not be dumped. Basic income is one of those few simple ideas that must and will powerfully shape, first the debate, and next the reality, of the new century.

1. WHAT BASIC INCOME IS AND WHAT IT IS NOT

A basic income is an income paid by a political community to all its members on an individual basis, without means test or work requirement. This is the definition I shall adopt. It does not fit all actual uses of the English expression “basic income”, or of its most common translations in other European languages, such as “Bürgergeld”, “allocation universelle”, “renda basica”, “reddito di cittadinanza”, “basisinkomen”, or “borgerlon”. Some of these actual uses are broader : they also cover, for example, benefits whose level is affected by one’s household situation or which are administered in the form of tax credits. Other uses are narrower: they also require, for example, that the level of the basic income should coincide with what is required to satisfy basic needs or that it should replace all other transfers. The aim of the above definition is not to police usage but to clarify arguments. Let us briefly focus on each of its components in turn.

(I) AN INCOME

Paid in cash, rather than in-kind. One can conceive of a benefit that would have all other features of a basic income but be provided in kind, for example in the form of a standardised bundle of food, or the use of a plot of land. Or it could be provided in the form of a special currency with restricted uses, for example food stamps or housing grants, or more broadly consumption in the current period only without any possibility of saving it, as in Jacques Duboin’s (1945) “distributive economy”. A basic income, instead, is provided in cash, without any restriction as to the nature or timing of the consumption or investment it helps fund. In most variants, it supplements, rather than substitutes, existing in-kind transfers such as free education or basic health insurance.

Paid on a regular basis, rather than as a one-off endowment. A basic income consists in purchasing power provided at regular intervals, such as a week, a month, a term or a year, depending on the proposal. One can also conceive of a benefit that would have all other features of a basic income but be provided on a one-off basis, for example at the beginning of adult life. This has occasionally been proposed, for example long ago by Thomas Paine (1796) and far more recently by Bruce Ackerman and Anne Alstott (1999). There is a significant difference between a regular basic income and such a basic endowment. Yet, it should not be overstated. Firstly, the basic endowment can be invested to generate an actuarially equivalent annual or monthly income up to the recipient’s death, which would amount to a regular basic income. If left to the insurance market, the level of this annuity would be negatively affected by the length of a person’s life expectancy. Women, for example, would receive a lower annuity than men. However, the advocates of a basic endowment (including Paine and Ackerman and Alstott) usually supplement it with a uniform basic pension from a certain age, which erases most of this difference. Secondly, while other uses can be made of a basic endowment than turning it into an annuity, the resulting difference with a basic income would be essentially annulled if the latter’s recipients could freely borrow against their future basic income stream. Even if one wisely protects basic income against seizure by creditors, the security it provides will make it easier for its

beneficiaries to take loans at every stage and will thereby reduce the gap between the ranges of options opened, respectively, by a one-off basic endowment and a regular basic income.

(II) PAID BY A POLITICAL COMMUNITY

By definition, a basic income is paid by a government of some sort out of publicly controlled resources. But it need not be paid by a Nation-state. Not does it need to be paid out of redistributive taxation.

The Nation-state, beneath and beyond. In most proposals, the basic income is supposed to be paid, and therefore funded, at the level of a Nation-state, as sometimes indicated by the very choice of such labels as “state bonus”, “national dividend” or “citizen’s wage”. However, it can in principle also be paid and funded at the level of a politically organised part of a Nation-state, such as a province or a commune. Indeed, the only political unit which has ever introduced a genuine basic income, as defined, is the state of Alaska in the United States (see Palmer 1997). A basic income can also conceivably be paid by a supra-national political unit. Several proposals have been made at the level of the European Union (see Genet and Van Parijs 1992) and some also, more speculatively, at the level of the United Nations (see e.g. Kooistra 1994, Frankman 1998, Barrez 1999).

Redistribution. The basic income may, but need not, be funded in a specific, ear-marked way. If it is not, it is simply funded along with all other government expenditures out of a common pool of revenues from a variety of sources. Among those who advocated ear-marked funding, most are thinking of a specific tax. Some want it funded out of a land tax or a tax on natural resources (from Thomas Paine (1796) to Raymond Crotty (1987), Marc Davidson (1995) or James Robertson (1999) for example). Others prefer a specific levy on a very broadly defined income base (for example, Pelzer 1998, 1999) or a massively expanded value-added tax (for example, Duchatelet 1992, 1998). And some of those who are thinking of a worldwide basic income stress the potential of new tax instruments such as “Tobin taxes” on speculative capital movements (see Bresson 1999) or “bit taxes” on transfers of information (see Soete & Kamp 1996).

Distribution. Redistributive taxation, however, need not be the only source of funding. Alaska’s dividend scheme (O’Brien & Olson 1990, Palmer 1997) is funded out of part of the return on a diversified investment fund which the state built up using the royalties on Alaska’s vast oil fields. In the same vein, James Meade’s (1989, 1993, 1994, 1995) blueprint of a fair and efficient economy comprises a social dividend funded out of the return on publicly owned productive assets. Finally, there has been a whole sequence of proposals to fund a basic income out of money creation, from Major Douglas’s Social Credit movement (see Van Trier 1997) and Jacques and Marie-Louise Duboin’s (1945, 1985) *Mouvement français pour l’abondance* to the recent writings of Joseph Huber (1998, 1999, 2000 with J. Robertson).

(III) TO ALL ITS MEMBERS

Non-citizens? There can be more or less inclusive conceptions of the membership of a political community. Some, especially among those who prefer the label “citizen’s

income”, conceive of membership as restricted to nationals, or citizens in a legal sense. The right to a basic income is then of a piece with the whole package of rights and duties associated with full citizenship, as in the conception of the French philosopher Jean-Marc Ferry (1995). Others, especially among those who view basic income as a general policy against exclusion need to conceive of membership in a broader sense that tends to include all legal permanent residents. The operational criterion may be, for non-citizens, a minimum length of past residence, or it may simply be provided by the conditions which currently define residence for tax purposes.

Children? There can also be a more or less inclusive conception of membership along the age dimension. Some restrict basic income, by definition, to adult members of the population, but then tend to propose it side by side with a universal, i.e. non-means-tested, child benefit system, with a level of benefit that may or may not be differentiated as a (positive or negative) function of the rank of the child or as a (positive) function of the child's age. Others conceive of basic income as an entitlement from the first to the last breath and therefore view it as a full substitute for the child benefit system. The level of the benefit then needs to be independent of the child's family situation, in particular of his or her rank. Some also want it to be the same as for adults, and hence independent of age, as is actually the case in the modest Alaskan dividend scheme and as would be the case under some more generous proposals (for example Miller 1983). But the majority of those who propose an integration of child benefits into the basic income scheme differentiate the latter's level according to age, with the maximum level not being granted until majority, or later.

Pensioners? Analogously, some restrict basic income to members of the population which have not reached retirement age and then see it as a natural complement to an individual, non-means-tested, non-contributory basic pension pitched at a higher level, of a sort that already exists in some European countries, like Sweden or the Netherlands. In most proposals, however, the basic income is granted beyond retirement age, either at the same level as for younger adults or at a somewhat higher level. In all cases, this basic income for the elderly can be supplemented by income from public or private contributory pension schemes, as well as from private savings and from employment.

Inmates? Even on the most inclusive definition of the relevant notion of membership, any population is still likely to contain some people who will not be paid a basic income. Detaining criminals in prison is far more expensive to the community than paying them a modest basic income, even if full account is taken of any productive work they may be made to perform. Unless the detention turns out to have been ill-founded, it is therefore obvious that prison inmates should lose the benefit of their basic income for the duration of their imprisonment. But they can get it back as soon as they are released. The same may apply to the long-term inmates of other institutions, such as madhouses or old people's homes, to the extent that the full cost of their stay is directly picked up by the community rather than paid for by the inmates themselves.

(IV) ON AN INDIVIDUAL BASIS

Paid to each. The basic income is paid to each individual member of the community, rather than to each household taken as a whole, or to its head, as is the case under most existing guaranteed minimum schemes.

Uniform. Even if a benefit is paid to each individual, its level could still be affected by the composition of the household. To take account of the fact that the per capita cost of living decreases with the size of the household, existing guaranteed minimum income schemes grant a smaller per capita income to the members of a couple than to a person living alone. A fair and effective operation of such schemes therefore supposes that the administration should have the power to check the living arrangements of their beneficiaries. A basic income, instead, is paid on a strictly individual basis. Not only in the sense that each individual member of the community is a recipient, but also in the sense that how much (s)he receives is independent of what type of household she belongs to. The operation of a basic income scheme therefore dispenses with any control over living arrangements, and it preserves the full advantages of reducing the cost of one's living by sharing one's accommodation with others. Precisely because of its strictly individualistic nature, a basic income tends to remove isolation traps and foster communal life.

(V) WITHOUT MEANS TEST

Irrespective of income. Relative to existing guaranteed minimum income schemes, the most striking feature of a basic income is no doubt that it is paid, indeed paid at the same level, to rich and poor alike, irrespective of their income level. Under the simplest variant of the existing schemes, a minimum level of income is specified for each type of household (single adult, childless couple, single parent of one child, etc.), the household's total income from other sources is assessed, and the difference between this income and the stipulated minimum is paid to each household as a cash benefit. In this sense, existing schemes operate *ex post*, on the basis of a prior assessment, be it provisional, of the beneficiaries' income. A basic income scheme, instead, operates *ex ante*, irrespective of any income test. The benefit is given in full to those whose income exceeds the stipulated minimum no less than to those whose income falls short of it. Nor are any other means taken into account when determining the level of benefit a person is entitled to: neither a person's informal income, nor the help she could claim from relatives, nor the value of her belongings. Taxable "means" may need to be taxed at a higher average rate in order to fund the basic income. But the tax-and-benefit system no longer rests on a dichotomy between two notions of "means": a broad one for the poor, by reference to which benefits are cut, and a narrow one for the better off, by reference to which income tax is levied.

Does not make the rich richer. From the fact that rich and poor receive the same basic income, it does not follow, however, that the introduction of a basic income would make both rich and poor richer than before. A basic income needs to be funded.

(1) If a basic income were simply added to existing tax-and-benefit systems, it is clear that the comparatively rich would need to pay both for their own basic income and for much of

the basic income of the comparatively poor. This would clearly hold if the funding were through a progressive income tax, but would also hold under a flat tax or even a regressive consumption tax. For the ex nihilo introduction of a basic income to work to the financial advantage of the poor, the key condition is simply that, relative to their numbers (not necessarily to their incomes), the relatively rich should contribute more to its funding than the relatively poor.

(2) In most proposals, however, the introduction of a basic income is combined with a partial abolition of existing benefits and tax reductions. If the proposed reform simply consisted in spreading more thinly among all citizens the non-contributory benefits currently concentrated on the poor, the latter would clearly lose out. But no one is making such an absurd proposal. In most proposals that rely on direct taxation, the basic income replaces only the bottom part of the non-contributory benefits, but also the exemptions or reduced tax rates on every taxpayer's lower income brackets. The immediate impact on the income distribution can then be kept within fairly narrow bounds for a modest basic income. But the higher its level, the higher the average rate of income tax and therefore the greater the redistribution from the comparatively rich to the comparatively poor.

Better for the poor to give to the rich? Thus, giving to all, rich and poor, is not meant to make things better for the rich. But, for a given level of minimum income, is there anything reason to believe that it is better for the poor than a means-tested guaranteed income? Yes, for at least three interconnected reasons. Firstly, the rate of take up of benefits is likely to be higher under a universal scheme than if a means test is in place. Fewer among the poor will fail to be informed about their entitlements and to avail themselves of the benefits they have a right to. Secondly, there is nothing humiliating about benefits given to all as a matter of citizenship. This cannot be said, even with the least demeaning and intrusive procedures, about benefits reserved for the needy, the destitute, those identified as unable to fend for themselves. From the standpoint of the poor, this may count as an advantage in itself, because of the lesser stigma associated with a universal basic income. It also matters indirectly because of the effect of the stigma on the rate of take up. Thirdly, the regular, reliable payment of the benefit is not interrupted when accepting a job under a basic income scheme, whereas it would be under a standard means-tested scheme. Compared to means-tested schemes guaranteeing the same level of minimum income, this opens up real prospects for poor people who have good reasons not to take risks. This amounts to removing one aspect of the unemployment trap commonly associated with conventional benefit systems, an aspect to which social workers are usually far more sensitive than economists.

Makes work pay? The other aspect of the unemployment trap generated by means-tested guaranteed minimum schemes is the one most commonly stressed by economists. It consists in the lack of a significant positive income differential between no work and low-paid work. At the bottom end of the earnings distribution, if each Euro of earnings is offset, or practically offset, or more than offset, by a loss of one Euro in benefits, one does not need to be particularly lazy to turn down a job that would yield such earnings, or to actively look for such jobs. Given the additional costs, travelling time or child care problems involved, one may not be able to afford to work under such circumstances. Moreover, it would generally not make much sense for employers to design and offer such jobs, as people who would be grateful for being sacked are unlikely to constitute a conscientious and

reliable work force. A minimum wage legislation may anyway prevent full-time jobs from being offered a wage lower than the income guarantee, in which case the latter consideration only applies to part-time jobs. The replacement of a means-tested guaranteed income by a universal basic income is often presented as a way of tackling this second aspect of the unemployment trap too. If one gave everyone a universal basic income but taxed at 100% the portion of everyone's earnings that does not exceed the minimum guarantee (see for example Salverda 1984), the unemployment trap would be the same, in this respect, as under a means-tested guaranteed minimum income. (See Fig.1 and Fig.3 below.) But if one makes the mild assumption that the explicit tax rate applying to the lowest income brackets must remain noticeably lower than 100%, then the following statement holds. Since you can keep the full amount of your basic income, whether working or not, whether rich or poor, you are bound to be better off when working than out of work. (See Fig. 2 below.)

Equivalent to a negative income tax? Note, however, that this second aspect of the unemployment trap can be removed just as effectively, it would seem, by a means-tested scheme that would phase out the benefit less steeply as earnings rise. This is achieved through the so-called negative income tax, a uniform and refundable tax credit. The notion of a negative income tax first appears in the writings of the French economist Augustin Cournot (1838). It was briefly proposed by Milton Friedman (1962) as a way of trimming down the welfare state, and explored at more depth by James Tobin (1965, 1966, 1967, 1968) and his associates as a way of fighting poverty while preserving work incentives. On the background of an explicit tax schedule which taxes no income at 100% and which can be, but need not by definition be, linear, a negative income tax amounts to reducing the income tax liability of every household (of a given composition) by the same fixed magnitude, while paying as a cash benefit the difference between this magnitude and the tax liability whenever this difference is positive. (See Fig. 3 below.) Suppose the fixed magnitude of the tax credit is pitched at the same level as under some basic income scheme under consideration. Someone with no income, and hence no income tax liability will then receive an amount equal to the basic income. As the income rises, the benefit will shrink, as in the case of conventional means-tested schemes, but a slower rate, indeed at a rate that will keep post-and-transfer income at exactly the same level as under the corresponding basic income scheme. (See Fig. 3 and 4.) The NIT variant simply consists in netting out taxes and benefits. Under a basic income scheme, the revenues needed to fund the NIT's universal tax credit are actually raised and paid back to all. Under NIT, transfers are all one-way only: positive transfers (or negative taxes) for households under the so-called break even point, negative transfers (or positive taxes) for households above. (See Fig. 3.)

Cheaper than negative income tax? How much of a real difference there is between the a basic income and a negative income tax depends on further specification of administrative procedures. It shrinks, for example, if taxes are levied at source on a pay-as-you-earn basis (rather than only after tax returns have been processed), or if tax liabilities are assessed on a weekly or monthly, rather than an annual basis, or if everyone is entitled, under a NIT scheme, to an advance payment of the presumptive tax credit (subject to subsequent correction), or if everyone is entitled, under a BI scheme, to get the BI as a tax discount rather than in cash. But even in the closest variant, there remains a difference

between a system that operates, by default, "ex ante", and one that operates, by default, "ex post". Any remaining difference would count as an advantage for the basic income variant with respect with the first, uncertainty-linked dimension of the unemployment trap. Yet, with a rudimentary benefit payment technology (coins carried by the postman!) or with a tax collection administration plagued with corruption or inefficiency, the case for the NIT variant, which does away with the back-and-forth of tax money, may be overwhelming. In an era of technological transfers and with a reasonably well run tax administration, on the other hand, the bulk of the administrative cost associated with an effective guaranteed minimum income scheme is the cost of information and control: the expenditure needed to inform all potential beneficiaries about what their entitlements are and to check whether those applying meet the eligibility conditions. In these respects, a universal system is bound to perform better than a means-tested one. As automaticity and reliability increase on both the payment and the collection side, it is therefore, in this administrative sense, increasingly likely to be the cheaper of the two, for a given degree of effectiveness at reaching all the poor. In is for this sort of reason that James Tobin (1997), for example, preferred a universal "demogrant" to its negative-income-tax variant.

(VI) WITHOUT WORK REQUIREMENT

Irrespective of present work performance. The right to a guaranteed minimum income is by definition not restricted to those who have worked enough in the past, or paid in enough social security contributions to be entitled to some insurance benefits. From Juan Luis Vives (1526) onwards, however, its earliest variants were often linked to the obligation to perform some toil, whether in the old-fashioned and ill-famed workhouses or in a more varied gamut of contemporary private and public workfare settings. Being unconditional, a basic income sharply contrasts with these forms of guaranteed income intimately linked to guaranteed employment. It also diverges from in-work benefits restricted to households at least one member of which is in paid employment, such as the American Earned Income tax Credit or the UK's more recent Working Families Tax Credit. By virtue of removing the unemployment trap — i.e. by providing its net beneficiaries with an incentive to work — a basic income (or a negative income tax) can be understood and used as an in-work benefit or a top-up on earnings. But it not restricted to this role. Its unconditionality marks it off from any type of employment subsidy, however broadly conceived.

Irrespective of willingness to work. It also marks it off from conventional guaranteed minimum income schemes, which tend to restrict entitlement to those willing to work in some sense. The exact content of this restriction varies a great deal from country to country, indeed sometimes from one local authority to another within the same country. It may involve that one must accept a suitable job if offered, with significant administrative discretion as to what "suitable" may means in terms of location or skill requirements; or that one must give proof of an active interest in finding a job; or that one must accept and respect an "insertion contract", whether connected to paid employment, to training or to some other useful activity. By contrast, a basic income is paid as a matter of right — and not under false pretences — to homemakers, students, break-takers and permanent tramps. Some intermediate proposals, such as Anthony Atkinson's (1993a, 1993b, 1996, 1998) "participation income", impose a broad condition of social contribution, which can be

fulfilled by full- or part-time waged employment or self-employment, by education, training or active job search, by home care for infant children or frail elderly people, or by regular voluntary work in a recognised association. The more broadly this condition is to be interpreted, the less of a difference there is with a basic income.

2. WHY DO WE NEED A BASIC INCOME ?

If we want no means test, it is important to drop the work test. Bringing together the last two unconditionalities discussed — the absence of the means test and the absence of the work test — makes it possible to briefly formulate the core of what makes basic income particularly relevant under present circumstances. At first sight, there is total independence between these two unconditionalities, between the absence of an income test and the absence of a work test. But the strength of the basic income proposal crucially hinges on their being combined. The abolition of the means test, as we have seen, is intimately linked to the removal of the unemployment trap (in its two main dimensions), and hence to the creation of a potential for offering and accepting low-paid jobs which currently do not exist. But some of these jobs can be lousy, degrading dead-end jobs, which should not be promoted. Others are pleasant, enriching stepping-stone jobs, which are worth taking even at low pay because of their intrinsic value or the training they provide. Who can tell the difference? Not legislators or bureaucrats, but the individual workers who can be relied upon to know far more than what is known "at the top" about the countless facets of the job they do or consider taking. They have the knowledge that would enable them to be discriminating, but not always the power to do so, especially if they have poorly valued skills or limited mobility. A work-unconditional basic income endows the weakest with bargaining power in a way a work-conditional guaranteed income does not. Put differently, work-unconditionality is a key instrument to prevent means-unconditionality from leading to the expansion of lousy jobs.

If there is no means test, no work test is needed. At the same time the work incentives associated by means-unconditionality makes work-conditionality less tempting as a way of alleviating the fear that benefits without a counterpart would nurture an idle underclass. In the absence of a means test, the tax and benefit structure can be expected to be such that beneficiaries can significantly increase their disposable incomes by working, even at a low rate and on a part-time basis, and without being trapped in such jobs once their skills improve or once they can improve their working time. Moving (back) into the work sphere will therefore be facilitated and encouraged, and, for those who fear a dualisation of society into workers and non-workers, there will therefore be far less of a need to insist on coupling the right to the benefit to some obligation to (be available for) work. To put it (somewhat too) succinctly: Just as work-unconditionality prevents means-unconditionality from unacceptably supporting exploitation (which it would do by

subsidising unworthy low-paid jobs accepted under the threat of losing the benefit), similarly means-unconditionality prevents work-unconditionality from unacceptably fostering exclusion (which it would do by inviting one to no longer regard as problematic a system that durably disconnects the less productive from any labour participation by effectively killing off low-productive jobs). The two key unconditionalities of basic income are logically independent, but they are intrinsically linked as components of a strong proposal.

Activating while liberating. This solidarity between the two unconditionalities underlies the central case for basic income as a specific way of handling the joint challenge of poverty and unemployment. Compared to guaranteed income schemes of the conventional sort, the crucial argument in favour of the desirability of basic income rests on the widely shared view that social justice is not only a matter of right to an income, but also of access to (paid and unpaid) activity. The most effective way of taking care of both the income and the activity dimension consists in maintaining the income transfer (in gross terms) whatever the person's activity, thereby "activating" benefits, i.e. extending them, beyond forced inactivity, to low-paid activity. It may correctly be objected that there are other schemes — such as earned income tax credit or employment subsidies — that could serve better, or more cheaply, the objective of securing the viability of low-productive jobs and thereby providing a paid job to the worst off. However, if the concern is not to keep poor people busy at all cost, but rather to provide them with access to meaningful paid activity, the very unconditional nature of a basic income is a crucial advantage: it makes it possible to spread bargaining power so as to enable (as much as is sustainable) the less advantaged to discriminate between attractive or promising and lousy jobs. It is therefore on the basis of a comprehensive conception of social justice, which gives work the importance it deserves, and not in spite of it, that the right to a basic income should be as unconditional as is sustainably generalisable to all. (See Van Parijs ed. 1995 for a variety of ethical justifications of basic income, Van Parijs 1995 for a systematic statement of the argument just sketched, and Elkin ed. 1997, Krebs ed. 2000 and Williams ed. 2001 for sets of critical assessments of this argument.)

3. IS A BASIC INCOME AFFORDABLE ?

An underspecified question. Phrased in this very general way, the question makes no sense. Let us bear in mind that it is not part of the definition of a basic income that it should be sufficient to satisfy the beneficiaries' basic needs: consistently with its definition, the level of the basic income could be more and it could be less. Nor is it part of the definition of a basic income that it should replace all other cash benefits: a universal benefit need not be a single benefit. A meaningful answer can only start being given to the question of affordability if one specifies the level at which the basic income is to be pitched and stipulates which benefits, if any, it is to replace. Under some specifications — for example "abolish all existing benefits and redistribute the corresponding revenues in the form of an

equal low benefit for all" —, the answer is trivially yes. Under other specifications — for example "keep all existing benefits and supplement them with an equal benefit for all citizens at a level sufficient for a single person to live comfortably" —, the answer is obviously no. Each of these absurd extreme proposals is sometimes equated, by definition, with basic income. But neither has, to my knowledge, been proposed by anyone. Every serious proposal lies somewhere in between, and whether some basic income proposal is affordable must therefore be assessed case by case.

(i) More expensive because work-unconditional?

Are there, however, some general reasons why a basic income would not be affordable at a level at which a conventional guaranteed income would? One obvious reason might simply be that a basic income is given to all, whether or not they are willing to work, whereas a conventional guaranteed minimum income is subordinated to a willingness-to-work test. As a result, it is claimed, more poor people will be receiving a basic income than a conventional guaranteed income, or, if the number beneficiaries is not much greater, they will be doing less work than would be the case under a work-conditional benefit system. In net terms, therefore, a basic income scheme is certain to cost more.

Job seeker's allowance versus state-sponsored workfare: a dilemma. Closer scrutiny reveals that this expectation rests on feeble grounds indeed. For suppose first that the work test is conceived as an obligation to accept work if offered by some (private or public) employer concerned to get value for money. If the worker has no desire to take or keep the job, her expected and actual productivity is unlikely to be such that the employer will want to hire and keep her. But if the worker is formally available for work, the fact that she is not hired or that she is sacked (owing to too low a productivity, not to anything identifiable as misconduct) cannot disqualify her from a work-tested guaranteed income any more than from an unconditional basic income. The only real difference between the former and the latter is then simply that the former involves a waste of both the employers' and the workers' time. Alternatively, suppose that the work test is conceived as an obligation to accept a fall-back job provided by the state for this very purpose. Rounding up the unemployable and unmotivated is not exactly a recipe for high productivity, and even leaving aside the long-term damage on the morale of the conscripted and on the image of the public sector, the net cost of fitting this recalcitrant human material into the workfare mould might just about manage to remain lower than plain prison, with the cost of supervision and blunder correction overshadowing the work-shy workers' contribution to the national product. The economic case for the work test is just about as strong as the economic case for prisons.

Giving to the lazy is cheaper. Thus, as fully recognised by no-nonsense advocates of workfare (e.g. Kaus 1990), if a willingness-to-work condition is to be imposed, it must be justified on moral or political grounds, not on the basis of a flimsy cost argument inspired by the shaky presumption that a benefit coupled with work is necessarily cheaper than the same benefit taken alone. From the fact that workfare is likely to be costlier than welfare, it does not follow that the "unemployable" should be left to rot in their isolation and idleness. There can and must be a way of helping them out of it, namely by creating a suitable structure of

incentives and opportunities of a sort a universal basic income aims to help create, whether or not a willingness-to-work test is coupled with it. Setting up such a structure is costly, as we shall shortly see, but adding a work test will not make it any cheaper — quite the contrary. And the absence of such a test, therefore, cannot be what jeopardises basic income's affordability.

(ii) More expensive because income-unconditional?

The equivalence of means-tested and universal schemes. Instead of resting on the fact that a basic income is paid to all, whether or not they show any willingness to work, the claim that a basic income is unaffordable invokes even more often the fact that it is paid to rich and poor alike. The earlier discussion of the means test — in section 1(v) — should have made plain that this allegation is wrong, misled as it is by too superficial a notion of cost. As the comparison of Fig.1 and Fig. 2 shows, it is in principle possible to achieve with a basic income exactly the same relationship between gross and net income as with a conventional guaranteed minimum income. If this relationship is the same, it means that the cost to those taxpayers who net contributors to the scheme is the same in both cases. If one is politically affordable, therefore, the other should be too. If the relationship is the same, it also means that the marginal tax on earnings at any level of earnings is the same in both cases. If one of the two schemes is economically affordable, therefore, the other should be too.

Giving to the rich is cheaper. Of course, the budgetary cost is hugely different in the two cases, and if one could sensibly reason about transfers in the same way as about other public expenditures, there would indeed be a strong presumption that a basic income may be "unaffordable" when a conventional guaranteed minimum income is within our means. But transfers are not net expenditures. They are reallocations of purchasing power. This does not mean that they are costless. They do have a distributive cost to the net contributors, and they do have an economic cost through the disincentives they create. But both costs, we have seen, can be the same under either scheme. In addition, there are administrative costs. But, as also pointed out earlier, assuming a computerised and efficient tax-collection and transfer-payment technology, these are likely to be lower under a universal, ex ante scheme, than under a means-tested, ex post one, at least for a given level of effectiveness at reaching the poor. Paradoxically, therefore, giving to all is not more expensive but cheaper than giving only to the poor.

(iii) More expensive because creates work incentives at the bottom ?

Marginal rates at the bottom and in the middle: the big trade off. To be fair, however, the fact that the basic income is not means-tested naturally combines with the mild requirement that the explicit rate of tax should fall short of 100%. Which means that the sort of basic income proposal we should be looking at is not represented by Figure 2, but rather by Figure 4, or at least by Figure 6. Relative to the conventional guaranteed minimum scheme represented by Figure 1, it can then no longer be said that there is not genuinely higher cost. True, it does not uniquely stick to the universal nature of the benefit, since the

corresponding means-tested negative-income-tax variants share exactly the same feature. In particular, a linear tax combined with a uniform refundable tax credit at the current level of the minimum guaranteed income (Figure 3) would be very expensive in this sense. But that the problem should be entirely shared with negative income schemes does not make it less of a problem, which needs to be faced squarely. The basic fact is that the more material incentives one wishes to provide (for a given minimum income) to people earning at the bottom of the earnings scale, the more one needs to decrease the material incentives higher up. There is a sharp trade off here, which can be spelled out as follows.

An example. To keep the reform budget-neutral while remaining able to pay for everyone's basic income, one must compensate the lowering of the rate at which the lowest layer of everyone's income is taxed by raising the rate at which higher layers are taxed. But while every earner has income in the lowest layer, not everyone earns income in higher layers, and the higher the layer, the fewer the tax payers involved. Suppose one starts from a basic income scheme of the sort depicted in Figure 2, i.e. with a tax rate of 100% on the lowest layer of income which mimics the effective rate of existing guaranteed minimum income schemes (Figure 1). Lowering by 20% the average rate of tax in the monthly income range comprised, say, between 0 and 500 Euro will need to be offset by an increase in the rate of tax higher up. By how much? It depends on how many taxpayers have an income in the income bracket over which the tax increase is being considered. If it is in the 500-1000 Euro range, most incomes will still be affected by the rise, and budget neutrality may be achieved with, say, a 25% increase of the tax rate in that range. But if it is in the 2000-2500 range, a far smaller number of taxpayers will be affected, and the tax rate that balances the budget will need to rise by, say, over 50%. Once this is realised, the following conclusion is inescapable. If one is to finance a significant reduction of the effective marginal tax rate on the lowest earnings, one will have to significantly raise it on a broad range of rather modest earnings. Concentrating the increase on the higher brackets would quickly make them rocket towards 100% and make much of the corresponding incomes vanish (if only for domestic tax purposes).

Better for the poor that the poor be taxed more? This is not as terrible as it sounds. The modestly paid workers whose marginal tax rate would need to go up are also among the main beneficiaries of the introduction of a basic income, as the increased taxation of their wage falls short of the level of the basic income which they henceforth receive. The concern, therefore, need not be distributive. Even if one ends up, as in some proposals, with a linear income tax, i.e. if the lowest earnings are taxed at the same rate as the highest ones currently are, the reform would still redistribute downwards from the higher earners (whose tax increase on all income layers would exceed their basic income). However, there is some ground for a legitimate concern about the impact such a reform would have on incentives. As stressed by some opponents of basic income and negative income tax (e.g. the marginal rates would be lowered in a range in which there is a possibly growing, but still comparatively small proportion of the economy's marginal earnings, while being raised in a range in which far more workers would be affected. The incentive to work and train, to be conscientious and innovative would be increased in the very lowest range of incomes (say, between 0 and 500 Euro per month), but it would be decreased upward of this threshold, where the bulk of society's work force, and particularly of its most productive work force, is concentrated. We would therefore be well advised not to rush too quickly to a system in

which the effective marginal tax rate on the lowest incomes would not be higher than those higher up (see Piketty 1997).

Low earners' overcharge versus partial basic income. There are two ways of accommodating this advice in a basic income proposal. One consists in correcting a linear, or even a progressive system with an "overcharge" for the net beneficiaries of the basic income (Figure 6), as suggested for example by James Meade (1989). Another is a "partial basic income", as proposed for example by the Dutch Scientific Council for Government Policy (WRR 1985) and explored at length since, both in the Netherlands (Dekkers & Noteboom 1988, de Beer 1993, van der Veen & Pels eds. 1995, Groot 1999) and in other European countries (Atkinson 1989, Parker ed. 1991, Lahtinen 1992, Brittan 1995, Gilain & Van Parijs 1995, Clark & Healy 1997). A partial basic income would fall short of the level of income currently guaranteed to a single person, but it may approach or even exceed half the level currently guaranteed to a couple, and it would go hand in hand with the maintenance of a residual means-tested guaranteed income scheme. It would therefore imply the preservation of a 100% effective tax rate on a shrunk lower range (Figure 7). Under either variant, the earlier paradox becomes sharper: it is not only better for the poor that the rich should receive the same as the poor. It is also better for them that they should be taxed more than the rich.

(iv) More expensive because strictly individual ?

The beauty of individualisation. Thus, it cannot be denied that the lifting of the means test raises a genuine cost problem, not as such by virtue of the fact that the basic income is given to the rich as well as to the poor but because (part of) its point is to provide the poor with stronger material incentives. It is not the only genuine cost problem intrinsic to basic income proposals. Another directly stems from the fact that, unlike most existing guaranteed minimum income schemes, basic income is meant to be strictly individual. These schemes typically provide a lower level of income support to each of the two members of a couple than to a single person, especially when account is taken of the housing subsidy, sometimes administered as a separate benefit. Why? Obviously because it is cheaper per capita to share a house, durable goods (cooker, washing machine, car, bed?) and some services (child care) with one or more other people than to shoulder the cost individually. The cheapest way of covering a given definition of fundamental needs therefore involves tracking the household composition and modulating the per capita level of the income guarantee accordingly. Of course, the corollary of this household-conditionality is that economies of scale are discouraged, fake domiciles rewarded and hence checks on people's living arrangements required. One of the blatant advantages of basic income is precisely that it would do away with all that. People who put up with each other and thereby make society save on accommodation and consumer durables would be entitled to the benefits of the economies of scale they generate. There would therefore also be no bonus for those pretending to live apart when they do not, and no need to check who lives where and with whom.

Another dilemma: inadequate or household-based? Great, but at what level would the individual and unconditional basic income be pitched. If it is at the level of the

guaranteed income currently enjoyed by each member of a couple, the amount is bound to fall far short of what is needed by someone who has no option but to live alone. If it is at the level currently awarded to a single person, the cost implications, in some countries at any rate, are phenomenal. This is again not just a matter of budgetary cost. There is an irreducible distributive cost in the sense of a dramatic shift of purchasing power from one-adult to bi- or multi-adult households. And there is also an irreducible economic cost, owing mainly to a substantial increase in the marginal rates required in order to fund the outlays for this enhanced basic income. There is therefore, in the short term at any rate, a dilemma between giving a fully individualised but inadequate basic income and giving a sufficient but household-modulated one (see Brittan & Webb 1991, Brittan 1995). Note, however, that this dilemma is not to be confused with a dilemma between making some households unacceptably poor (with too low an individual basic income) and subjecting all households for an indefinite period to a control of their living arrangements (with an adequate, but household-dependent basic income). Even under short-term cost constraints, the latter dilemma does not hold, for it is possible to conceive of a strictly individual but inadequate "partial" basic income for all, combined with a much shrunk residual means-tested household-tested social assistance for the reduced number of those who, despite the floor provided by the household's basic income(s), do not earn enough to reach the income threshold as from which means-tested assistance is switched off (see Fig. 7). Providing it is not conceived as an immediate full substitute for existing social assistance, such a partial basic income thus provides an attractive way of handling both of the real cost problems — those stemming from incentives for low earners and individualisation — which a full basic income would raise (see e.g. Gilain & Van Parijs 1995 for a microsimulation of the distributive impact of such a partial basic income in the case of Belgium).

4. WHICH WAY FORWARD ?

An eye in the distance and an eye on the ground. For reasons explained at length elsewhere (Van Parijs 1995), a coherent and plausible conception of social justice requires us to aim, with some important qualifications, for an unconditional basic income at the highest level that is economically and ecologically sustainable, and on the highest scale that is politically imaginable. But while a defensible long-term vision is important, precise proposals for modest, immediately beneficial and politically feasible steps are no less essential. The sort of general but household-tested, means-tested and willingness-to-work-tested guaranteed minimum scheme that is now in place with many variants in most EU countries (including, most recently, Portugal) is a fundamental step in the right direction. But whatever the well-meaning “insertion” or “integration” conditions, it cannot avoid generating traps whose depth increases with the generosity of the scheme and whose threat increases as so-called “globalisation” sharpens inequalities in market earning power. In countries in which guaranteed minimum schemes have been operating for a while, these traps and the dependency culture said to be associated with it risk triggering off a political backlash and the dismantling of what has been achieved. But they have also been prompting

progressive moves in the form of basic income and related proposals. Like the fight for universal suffrage, the fight for basic income is not an all-or-nothing affair. This is no game for purists and fetishists, but for tinkerers and opportunists. Without going all the way to even a partial basic income, the following three types of proposals are plausible candidates — more or less plausible, depending on each country's institutions, and in particular its tax and social security context — as the most promising next step.

(i) An individual tax credit. The Netherlands already have universal (i.e. non-means tested) systems of child benefits, of student grants and of non-contributory basic pensions, in addition to one of the world's most generous and comprehensive means-tested guaranteed income schemes. In January 2000, the Dutch Parliament approved the essentials of the government's plan for a comprehensive tax reform incorporating the replacement of the exemption on the lower income layer by a strictly individual tax credit at a level of about Euro 140 per month for all families with at least one worker (see Boerlage 1999). Gradually increased and made individually refundable (so that a worker's non-working partner, for example, would be entitled to a cash payment equivalent to the credit rather than have the working partner doubly credited), this "negative income tax" for working families would provide the last missing element for the provision of a universal income floor. It could then be painlessly integrated into a low, but strictly individual, universal and unconditional basic income. Of course, even at a significantly increased level, this would remain a partial basic income, which would need to keep being supplemented, at any rate for single-adult households, with residual means-tested assistance.

(ii) A household-based regressive negative income tax. Despite the forbidding label, this would definitely be a major change in the right direction. Under the more enticing name of "Bürgergeld", it has been advocated for many years in Germany by Joachim Mitschke (1985, 1995), professor of public finance at the University of Frankfurt. Ulrich Mückenberger, Claus Offe and Ilona Ostner (1989) argued for a less specific version of the same proposal, and Fritz Scharpf (1994, 2000), director of Cologne's Max Planck Institute, endorsed it as his preferred option. More recently, under the clumsier label "allocation compensatrice de revenu", a variant of it has been defended in France by Roger Godino (1999), former Dean of the management school INSEAD, and has been cautiously supported by sociologist Robert Castel (1999) and economists François Bourguignon (1999) and Laurent Caussat (2000). The idea is simply to take as given the household modulation of the current guaranteed minimum income and, instead of withdrawing the benefit at a 100% rate as earnings increase, to withdraw them at a somewhat lower rate, say 70 or even 50%, so as to create material incentives to work for any household, however low its earning power. In Godino's proposal for France, for example, the rate is calculated so that the benefit would be entirely phased out for single people as their earnings reached the level of the guaranteed minimum wage (seen Figure 3), as opposed to the much lower level of the guaranteed minimum income, as is currently the case (Figure 1). In the case of a larger household, the starting level is higher. If the same reduced rate of benefit withdrawal applies, the benefit is completely phased out only at a level of earnings that exceeds the minimum wage. One major political advantage of this formula is that it can be presented as taking the current guaranteed minimum income as its point of departure and strengthening it by getting rid of the absurd penalisation of any effort to get out of the trap by taking on some low-paid activity. One major administrative disadvantage is that it implies not just that

a much expanded number of households will be on benefit (admittedly at a far lower average rate), but, more awkwardly, that how high a benefit the households are entitled to receive depends on their living arrangements, which the administration must therefore be allowed to control.

(iii) A modest participation income. Finally, it is possible to build upon existing parental, study or care leave schemes and integrate them, jointly with tax credits for the employed, into a universal basic income subjected to a very broad condition of social contribution, as proposed for example by Anthony Atkinson (1993a, 1993b, 1996, 1998) under the label "participation income". "In order to secure political support", Atkinson (1993a) argues, "it may be necessary for the proponents of basic income to compromise. To compromise not on the principle that there is no means test, nor on the principle of independence [i.e., the idea that no one should be directly dependent on any particular person or group], but on the unconditional payment". A participation income would be a non-means-tested allowance paid to every person who actively participates in economic activity, whether paid or unpaid. Persons who care for young or elderly persons, undertake approved voluntary work or training, or are disabled due to sickness or handicap, would also be eligible for it. After a while, one may well realise that paying controllers to try to catch the few really work-shy would cost more, and create more resentment all over than just giving this modest floor income to all, no questions asked. But in the meanwhile the participation income will have politically bootstrapped a universal basic income into position. Compared to the income-tax-reform approach and the social-assistance-reform approach, this third approach would be particularly appropriate if some specific funding were set aside for basic income: a tax on energy consumption, or a dividend on some public asset, or simply some broadly based levy on the national product. But it could also be combined with either of the first two approaches.

The struggles ahead. In those countries which already have some sort of guaranteed minimum, there is much work to be done along each of these paths, both intellectually and politically. In other countries, there is even more work to be done to build the first ingredients of a comprehensive scheme of social assistance, perhaps starting, as in South Africa, with a universal pension for the elderly or perhaps coupled, as in Brazil, with compulsory school attendance for the household's children (Suplicy & Buarque 1996, Sposati 1997). Moreover, stressing the case for an unconditional cash floor for all should not make one neglect the prior importance of providing every child with quality basic education and every person with quality basic health care. More important still, for the model advocated here ever to become a widespread reality, the most difficult and crucial struggles may well need to be fought on apparently very remote subjects: to ensure the efficiency and accountability of public administration, to regulate migration, to design appropriate electoral institutions and to structure the powers of supranational organisations. But these many struggles can gain direction and strength if they are guided by a clear and coherent picture of the core distributive institutions of a just, liberating society.

5. SOME REFERENCES

This list of references is by no means meant to be exhaustive. A comprehensive annotated bibliography of many publications in several European languages can be found on the web site of the Basic Income European Network (BIEN) : <http://www.etes.ucl.ac.be/bien/bien.html>. BIEN's electronic newsletter can be obtained free of charge by sending name and address + "subscribe BIEN" to bien@etes.ucl.ac.be.

Book-length discussion of basic income include

- in Dutch: den Hoed ed. (1986), Dekkers & Nooteboom (1988), Roebroek & Hogenboom (1990*), van der Veen & Pels eds (1995), Groot & van der Veen eds (2000)
- in English: Aya ed. (1987), Walter (1989*), Van Parijs ed. (1992), Clark & Healy (1997), Fitzpatrick (1999*), Lerner, Clark & Needham (1999)
- in French: Boulanger, Defeyt & Van Parijs eds. (1985), Bresson & Guilhaume (1986), Caillé ed. (1987), Bresson (1994), Ferry (1995), Caillé ed. (1996), Leleux (1998*), Heidsieck & Bresson (1999).
- in Italian: Mirabile (1991), Fumagalli & Lazzarotto (1999)
- in German: Schmid ed. (1984), Büchele & Wohlgenannt (1985*), Opielka & Vobruba (1986), Wohlgenannt & Büchele (1990*), BEIGEWUM ed. (1991), Krebs ed. (2000).
- in Spanish: Aya ed. (1988), Raventos (1999).

The asterisks single out those books that are meant as didactic introductions to the subject.

- Ackerman, Bruce & Alstott, Anne. 1999. *The Stakeholder Society*. New Haven: Yale University Press.
- Arneson, Richard, Fleurbaey, Marc, Melnyk, Andrew, Selznick, Philip. 1997. "A Symposium on Philippe Van Parijs' *Real Freedom for All*", in *PEGS Bulletin* (Political Economy of the Good Society, University of Maryland), 38-51.
- Atkinson, Anthony B. 1989. "Analysis of partial basic income schemes", in A.B. Atkinson, *Poverty and Social Security*, Hemel Hempstead: Harvester Wheatsheaf, 1989.
- Atkinson, Anthony B. 1993a. *Beveridge, the National Minimum, and its future in a European context*, STICERD Working Paper WSP/85, January 1993.
- Atkinson, Anthony B. 1993b. "Participation Income", *Citizen's Income Bulletin* 16, 7-11.
- Atkinson, Anthony B. 1995. *Public Economics in Action. The Basic Income/ Flat Tax Proposal*, Oxford: Oxford University Press.
- Atkinson, Anthony B. 1996. "The Case for a Participation Income", in *The Political Quarterly* (Oxford) 67 (1), January-March 1996, 67-70.
- Atkinson, Anthony B. 1998. *Poverty in Europe*. Oxford: Blackwell, 1998.
- Aya, Rod ed. 1986. *A Symposium on Robert J. van der Veen & Philippe Van Parijs's "A Capitalist Road to Communism"*, special issue of *Theory and Society* 15 (5), 1986. (Spanish translation as a special issue of *Zona Abierta*, (Madrid) 46-47, January-June 1988.)

- Barrez, Dirk. "Tien frank per dag voor iedereen", *De Morgen* 22.12.1999.
- BEIGEWUM ed. 1991. *Grundeinkommen: Zwischen Gesellschaftsveränderung, sozialpolitischer Resignation und Verteilungskonflikt*, special issue of *Kurswechsel* 1.
- Boerlage, Saar. 1999. "Reactie op het belastingplan 2001", in *Nieuwsbrief Basisinkomen* 29, december 1999, 5-8.
- Boulanger, Paul-Marie, Defeyt, Philippe & Van parijs, Philippe eds. 1985. L'Allocation universelle. Une idée pour vivre autrement, special issue of *La Revue nouvelle* (Brussels) 81 (4), April 1985.
- Bourguignon, François & Bureau, Dominique. *L'Architecture des prélèvements en France: Etat des lieux et voies de réforme*. Paris: La Documentation française, 1999, 142p.
- Bovenberg, A.L. & van der Ploeg, F. 1995. "Het basisinkomen is een utopie", *Economisch-Statistische Berichten* 3995, 100-104.
- Bresson, Yoland & Guilhaume, Philippe. 1986. *Le participat: réconcilier l'économie et le social*, Paris: Chotard et associés éditeurs
- Bresson, Yoland. 1994. Le Partage du temps et des revenus, Paris: Economica
- Bresson, Yoland. 1999. "Il faut libérer le travail du carcan de l'emploi", *Le Monde* 16.3.1999.
- Brittan, Samuel & Webb, Steven. 1991. *Beyond the Welfare State. An examination of basic incomes in a market economy*, Aberdeen: Aberdeen University Press
- Brittan, Samuel. 1995. *Capitalism with a Human Face*. Aldershot: Edward Elgar.
- Büchtele, Herwig & Wohlgenannt, Lieselotte. 1985. *Grundeinkommen ohne Arbeit: Auf dem Weg zu einer kommunikativen Gesellschaft*, Vienna & Zürich: Europaverlag
- Caillé, Alain ed. 1987. *Du Revenu social: au-delà de l'aide, la citoyenneté?*, special issue of *Bulletin du M.A.U.S.S.* 23, September 1987.
- Caillé, Alain ed. 1996. *Vers un revenu minimum inconditionnel ?*, Paris: La Découverte..
- Castel, Robert. 1999. "Minima sociaux, allocation compensatrice de revenu et RMI", in Castel, Robert, Godino, Roger, Jalmain, Michel & Piketty, Thomas. *Pour une réforme du RMI*, Paris: Notes de la Fondation Saint Simon 104, février 1999, 39-48.
- Caussat, Laurent. 2000. "Minima sociaux différentiels, allocation universelle, workfare: quels compromis dans la politique française de lutte contre la pauvreté? Communication à la journée d'études "Quelle réforme des minima sociaux?", Marseille, 14 janvier 2000.
- Clark, Charles M.A. & Healy, John. 1997. *Pathways to a Basic Income*, The Justice Commission, Conference of Religious of Ireland, 87 p.,
- Cournot, Augustin. 1838. *Recherches sur les principes mathématiques de la théorie des richesses*. Paris: Librairie Hachette (new edition Paris: Marcel Riviere, 1938).
- Crotty, Raymond. 1986. *Ireland in Crisis. A study in capitalist colonial development*. Dingle (Ireland): Brandon, 1987.
- Davidson, Marc. "Liberale grondrechten en milieu. Het recht op milieugebruiksruimte als grondslag van een basisinkomen", in *Milieu* 5, 1995, 246-249.
- de Beer, Paul. 1993. *Het verdiende inkomen*, Houten/ Zaventem: Bohn Stafleu Van Loghum & Amsterdam: Wiardi Beckman Stichting.
- Dekkers, Jos M. & Nooteboom, Bart. 1988. Het gedeeltelijk basisinkomen, de hervorming van de jaren negentig. The Hague: Stichting Maatschappij en Onderneming.

- den Hoed, P. (ed.). 1986. *Het gedeeltelijk basisinkomen*, special issue of *Bedrijf en Maatschappij*, volume 13 (5), September-October 1986
- Duboin, Jacques. 1932. *La Grande Relève des hommes par la machine*, Paris: Fustier.
- Duboin, Jacques. 1945. *L'Economie Distributive de l'Abondance*, Paris: OCIA.
- Duboin, Marie-Louise. 1985. *L'économie libérée*. Paris: Syros, 59 p.
- Duboin, Marie-Louise. 1988. "Guaranteed income as an inheritance", *Proceedings of the First International Conference on Basic Income* (A.G. Miller ed.), London: BIRG & Antwerp: BIEN, 134-45.
- Duchatelet, Roland. 1994. "An economic model for Europe based on consumption financing on the tax side and the basic income principle on the redistribution side", paper presented at the 5th BIEN Congress, London, September 8–10, 1994, 7 p.
- Duchatelet, Roland. 1998. *N.V. België. Verslag aan de aandeelhouders*. Gent: Globe
- Ferry, Jean-Marc. 1995. *L'Allocation universelle. Pour un revenu de citoyenneté*, Paris: Cerf.
- Fitzpatrick, Tony. *Freedom and Security. An Introduction to the Basic Income Debate*. London: Macmillan & New York: St Martin's Press, 1999.
- Frankman, Myron. 1998. "Planet-Wide Citizen's Income: Antidote to Global Apartheid", Montreal: McGill University, Department of Economics.
- Friedman, Milton. 1962. *Capitalism and Freedom*, Chicago, University of Chicago Press.
- Friedman, Milton. 1966. "The case for the negative income tax: a view from the right", *Issues of American Public Policy* (J.H. Bunzel ed.), Englewood Cliffs (NJ): Prentice-Hall, 1968, 111-120.
- Fumagalli, Andrea & Lazzarotto, Maurizio eds. 1999. *Tutte bianche. Disoccupazione di massa e reddito di cittadinanza*, Roma: Derive Approdi..
- Genet, Michel & Van Parijs, Philippe. 1992. "Eurogrant", in *BIRG Bulletin* 15, 4–7.
- Gilain, Bruno & Van Parijs, Philippe. 1995. L'allocation universelle: un scénario de court terme et de son impact distributif, *Revue belge de sécurité sociale* 38 (1), 5-80
- Godino, Roger. 1999. " Pour la création d'une allocation compensatrice de revenu", in Castel, Robert, Godino, Roger, Jalmain, Michel & Piketty, Thomas. *Pour une réforme du RMI*, Paris: Notes de la Fondation Saint Simon 104, février 1999, pp. 7-20.
- Groot, Loek F.M. 1999. *Basic Income and Unemployment*. Amsterdam: Netherlands School for Social and Economic Policy Research, 240p
- Heidsieck, Emmanuelle & Bresson, Yoland. *Bonne année! Manifeste pour un revenu d'existence*. Editions du Toit, 1999, 124p.
- Huber, Joseph. 1998. *Vollgeld. Beschäftigung, Grundsicherung und weniger Staatsquote durch eine modernisierte Geldordnung*. Berlin: Duncker & Humblot.
- Huber, Joseph. 1999. *Plain Money. A Proposal for Supplying the Nations with the Necessary Means in a Modern Monetary System*. Martin-Luther-Universität Halle-Wittenberg: Forschungsberichte des Instituts für Soziologie 99-3.
- Huber, Joseph & Robertson, James. 2000. *Creating New Money. A Monetary Reform of the Information Age*. London: New Economics Foundation.
- Jordan, Bill, James, Simon, Kay, Helen and Redley, Marcus. 1992. *Trapped in Poverty? Labour-Market Decisions in Low-Income Households*, London and New York: Routledge.
- Kooistra, Pieter. 1994. *Het ideale eigenbelang*, Kampen: Kok Agora.

- Krause-Junk, Gerold. 1996. "Probleme einer Integration von Einkommensbesteuerung und steuerfinanzierten Sozialleistungen. Anmerkungen zum Gutachten der Experten-Kommission", in *Wirtschaftsdienst* 7, 345-349.
- Krebs, Angelika ed. 2000. *Basic Income? A Symposium on Van Parijs*. special issue of *Analyse und Kritik* (Berlin) 22 (2).
- Lahtinen, Ilpo. *Perustulo, kansalaisen palkka (Basic Income, the Citizen's Wage)*. 1992. Helsinki: Hanki ja Jaeae.
- Leleux, Claudine. 1998. *Travail ou revenu? Pour un revenu inconditionnel*. Paris: Cerf, 1998.
- Lerner, Sally, Clark, Charles M.A. & Needham, W. Robert. *Basic Income: Economic Security for all Canadians*, Toronto: Between the Lines Press, 1999, 112 p.
- Meade, James E. 1989. *Agathotopia: The Economics of Partnership*, Aberdeen: Aberdeen University Press.
- Meade, James E. 1993. *Liberty, equality and efficiency*, London: Macmillan.
- Meade, James E. 1994. *Full Employment Without Inflation*, London: The Employment Policy Institute.
- Meade, James E. 1995. *Full Employment Regained? An Agathotopian Dream*. Cambridge: Cambridge University Press.
- Miller, Anne. 1983. *In praise of social dividends*. Edimburgh: Heriot-Watt University, Department of Economics, Working Paper 1, December 1983, 54 p.
- Mirabile, Maria Luisa ed. 1991. *Il reddito minimo garantito. Il welfare tra nuovi e vecchi diritti*, Roma: Ediesse.
- Mitschke, Joachim. 1985. *Steuer- und Transferordnung aus einem Guß*, Baden-Baden: Nomos.
- Mitschke, Joachim. 1995. "Jenseits der Armenfürsorge", *Die Zeit* 50, 8 December 1995, 30-31.
- Mückenberger Ulrich, Offe, Claus & Ostner, Ilona. 1989. "Das staatlich garantierte Grundeinkommen - ein politisches Gebot der Stunde", in Wege ins Reich der Freiheit. André Gorz zum 65. Geburtstag (Hans Leo Krämer & Claus Leggewie eds.), Berlin: Rotbuch.
- Murray, Michael L. *...And Economic Justice for All: Welfare Reform for the 21st Century*. Armonk, New York: M.E. Sharpe Publisher, 1997
- O'Brien, Patrick & Olson, Dennis O. 1990 "The Alaska permanent fund and dividend distribution program", in *Public Finance Quarterly* 18(2), April 1990, 139-156.
- Opielka, Michael & Vobruba, Georg eds. 1986. *Das garantierte Grundeinkommen: Entwicklung und Perspektiven einer Forderung*, Frankfurt am Main: Fischer Verlag,
- Paine, Thomas. 1796. "Agrarian justice", in *The Life and Major Writings of Thomas Paine* (P.F. Foner ed.), Secaucus (New Jersey): Citadel Press, 1974, 605-623.
- Palmer, Jim ed. 1997. *Alaska's Permanent Fund. Remarkable Success at Age 20... but what now?*, special issue of *The Juneau Report*, Summer 1997.
- Parker, Hermione. 1991. *Basic Income and the Labour Market*. London: Basic Income Research Group
- Pelzer, Helmut ed. 1998. *Bürgergeld nach dem Ulmer Modell*. Ulm: RV-Verlag microedition, Reihe Wissenschaft, August 1998, 62p.,

- Pelzer, Helmut. *Finanzierung eines allgemeinen Basiseinkommens. Ansätze zu einer kombinierten Sozial- und Steuerreform*. Aachen: Shaker Verlag, 1999, 40p.,
- Piketty, Thomas. 1997. "La redistribution fiscale face au chômage", *Revue française d'économie* 12 (1), 157-201.
- Raventos, Daniel. 1999. *El Derecho a la existencia*. Barcelona: Ariel.
- Robertson, James. 1999. *The New Economics of Sustainable Development. A Briefing for Policy Makers*. Luxembourg: Office for Official Publications of the European Communities & London: Kogan.
- Roebroek, Joop & Hogenboom, Erik. 1990. *Basisinkomen: Alternatieve uitkering of nieuw paradigma?*, The Hague: Ministerie van Sociale Zaken en Werkgelegenheid (VUGA Uitgeverij), Report n°24, May 1990.
- Salverda, Wim. 1984. "Basisinkomen en inkomensverdeling. De financiële uitvoerbaarheid van het basisinkomen". *Tijdschrift voor Politieke Economie* 8, 9-41.
- Scharpf, Fritz W. 1994. "Negative Einkommensteuer - ein Programm gegen Ausgrenzung", *Die Mitbestimmung* 40 (3), 1994, 27-32.
- Scharpf, Fritz W. 2000. "Basic Income and Social Europe", in *Basic Income on the Agenda. Policies and Politics* (Loek Groot & Robert J. van der Veen eds.) Amsterdam: Amsterdam University Press, forthcoming.
- Schmid, Thomas ed. 1984. *Befreiung von falscher Arbeit: Thesen zum garantierten Mindesteinkommen*, Berlin: Wagenbachs Taschenbücherei.
- Soete, Luc & Kamp, Karin. 1996. "The Bit Tax: Agenda for Further Research", Maastricht: MERIT, August 1996.
- Sposati, Aldaíza ed. 1997. *Renda Mínima e Crise Mundial. Saída ou agravamento?*, São Paulo: Cortez editora.
- Standing, Guy. *Global Labour Flexibility: Seeking Distributive Justice*. Basingstoke: Macmillan, 1999.
- Suplicy, Eduardo ed. 1992. *Programa de garantia de renda mínima*, Brasilia: Senado Federal, 275p.
- Suplicy, Eduardo M. & Buarque, Christovam. 1996. "A Guaranteed Minimum Income to eradicate poverty and help poor children go to school instead of being forced to work. The Brazilian debate and experience", paper presented at BIEN'S 6th Congress, Vienna, 12-14 September 1996.
- Tobin, James. 1965. "On the Economic Status of the Negro", *Daedalus* 94(4), Fall 1965, 878-98.
- Tobin, James. 1966. "The Case for an Income Guarantee", *The Public Interest* 4, 31-41.
- Tobin, James. 1967. "It Can Be Done", *The New Republic* 3 June 1967, 14-18.
- Tobin, James, Pechman, Joseph A. & Mieszkowski, Peter M. 1967. "Is a Negative Income Tax Practical?", *The Yale Law Journal* 77 (1), 1-27.
- Tobin, James. 1968. "Raising the Incomes of the Poor", in *Agenda for the Nation* (Kermit Gordon ed.), Washington, DC: The Brookings Institution, 77-116.
- van der Veen, Robert J. & Pels, Dick eds. 1995. *Het basisinkomen. Sluitstuk van de verzorgingstaat ?*, Amsterdam: Van Gennep.
- Van Parijs, Philippe ed. 1992. *Arguing for Basic Income: Ethical Foundations for a Radical Reform*, London: Verso..

- Van Parijs, Philippe. 1995. *Real Freedom for All. What (if anything) Can Justify Capitalism?*, Oxford: Oxford University Press. (Spanish translation : *Libertad real para todos*. Barcelona: Paidós, 1996.)
- Van Parijs, Philippe, Jacquet, Laurence & Salinas, Claudio. 2000. “Basic Income and its Cognates”, in *Basic Income on the Agenda. Policies and Politics* (Loek Groot & Robert J. van der Veen eds.) Amsterdam: Amsterdam University Press, 2000.
- Van Trier, Walter. 1995. *Everyone a King. An Investigation into the Meaning and Significance of the Debate on Basic Incomes with Special Reference to Three Episodes from the British Inter-War Experience*. Katholieke Universiteit Leuven: Fakulteit politieke en sociale wetenschappen, PhD thesis.
- Vives, Juan Luis. 1526. *De Subventionem Pauperum*, French translation: *De l'Assistance aux pauvres*, Bruxelles: Valero & fils, 1943.
- Wetenschappelijke Raad voor het Regeringsbeleid (WRR). 1985. *Waarborgen voor Zekerheid. Een nieuw stelsel van sociale zekerheid in hoofdlijnen*, Den Haag: Staatsuitgeverij, Rapport 26, 199p. (English summary: WRR. 1985. Safeguarding Social Security, The Hague: Netherlands Scientific Council for Government Policy.)
- Walter, Tony. 1989. *Basic Income. Freedom from Poverty, Freedom to Work*, London & New York: Marion Boyars, 1989, 175p.
- Williams, Andrew ed. 2001. *Real Libertarianism Reassessed. Essays on Van Parijs*. London: Macmillan.
- Wohlgenannt, Lieselotte & Büchele, Herwig. 1990. *Den öko-sozialen Umbau beginnen: Grundeinkommen*, Vienna & Zürich: Europaverlag..

STYLISTED REPRESENTATIONS

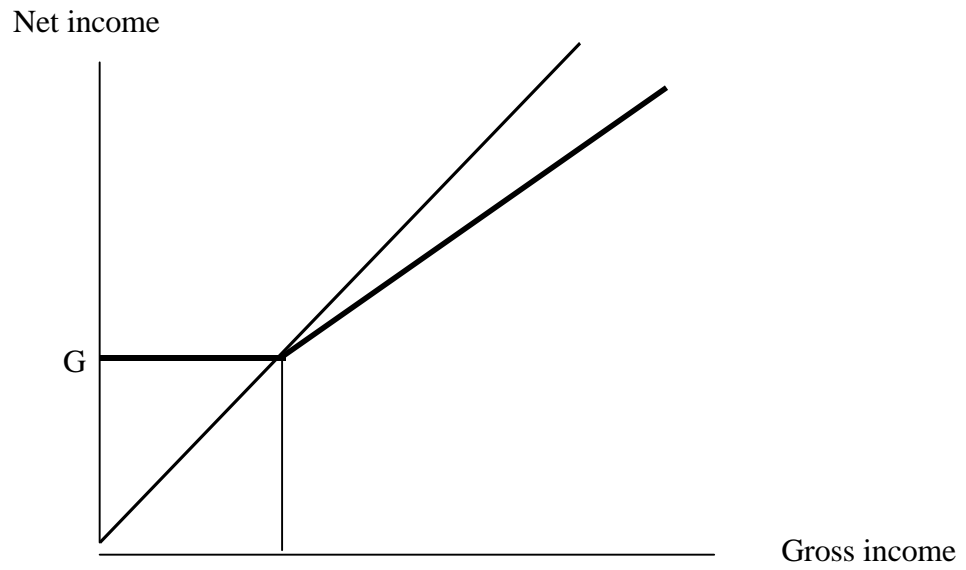


Figure 1.
Conventional minimum guaranteed income
(e.g. RMI, bijstand, Sozialhilfe, etc.)

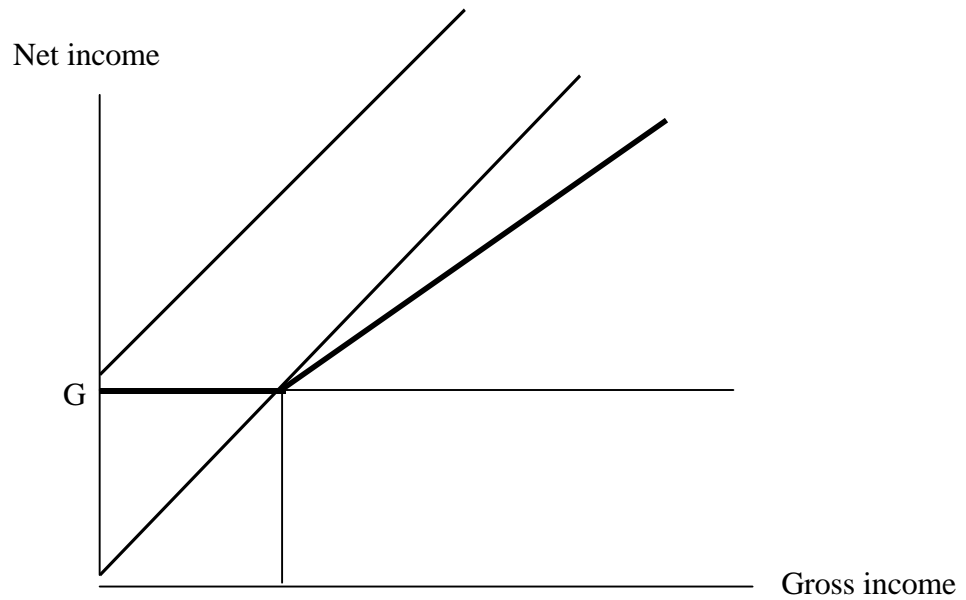


Figure 2.
Basic income with trap

(e.g. Salverda 1984)

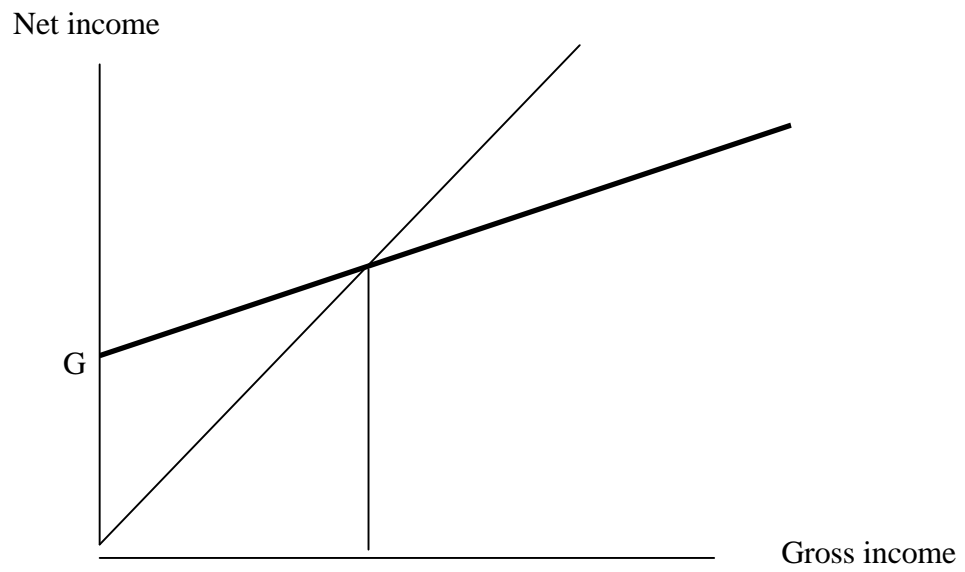


Figure 3.
Linear negative income tax
 (e.g. Friedman 1962)

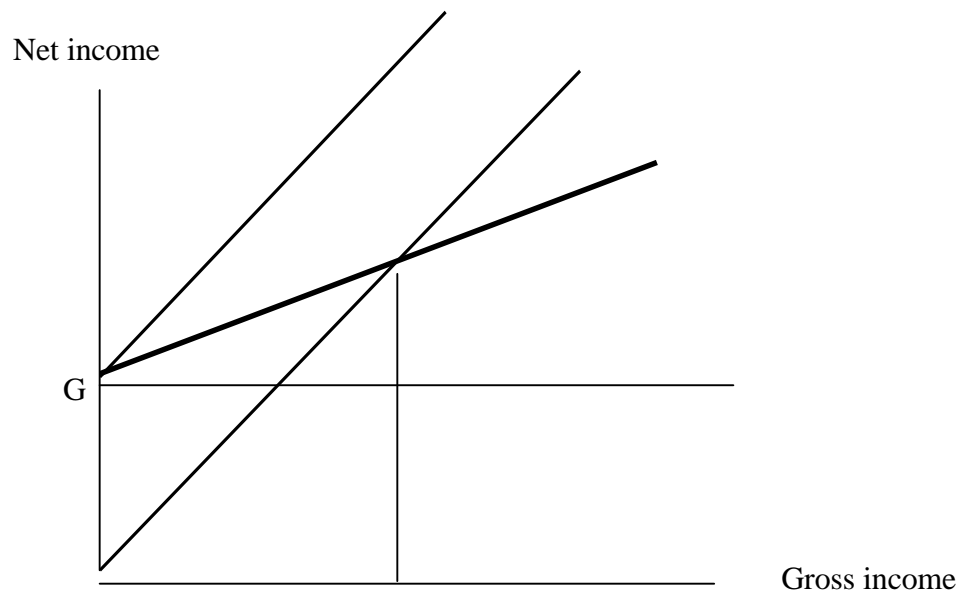


Figure 4.
Basic income combined with flat tax
 (e.g. Atkinson 1995)

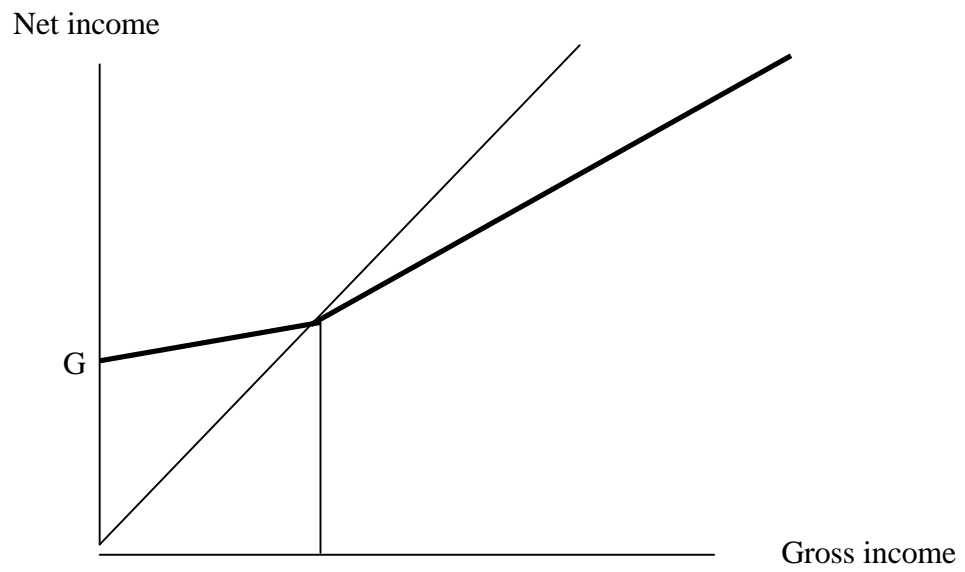


Figure 5.
Nonlinear negative income tax
 (e.g. Mitschke 1985, Godino 1999)

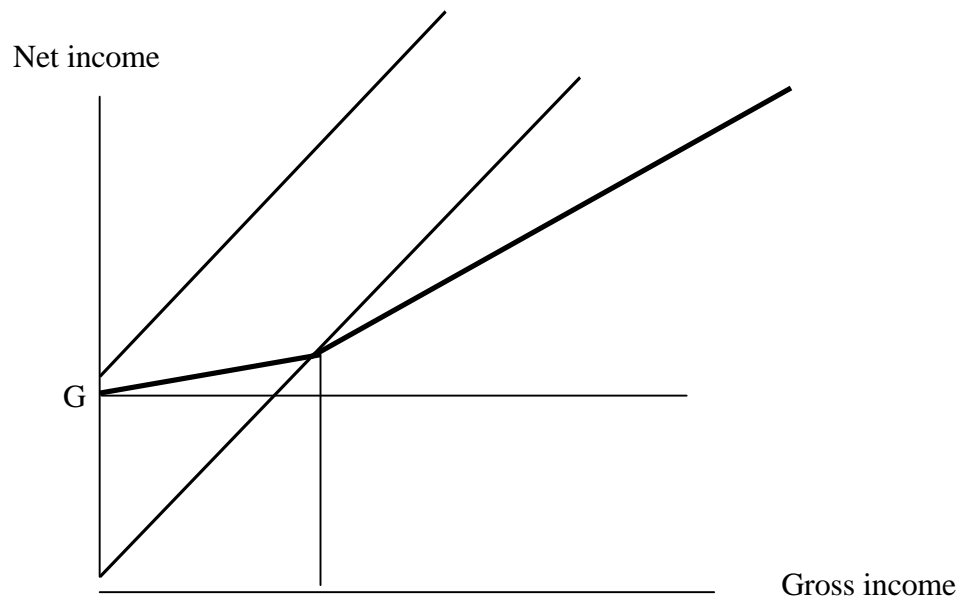


Figure 6.

**Basic income with low earners' overcharge
(e.g. Meade 1989)**

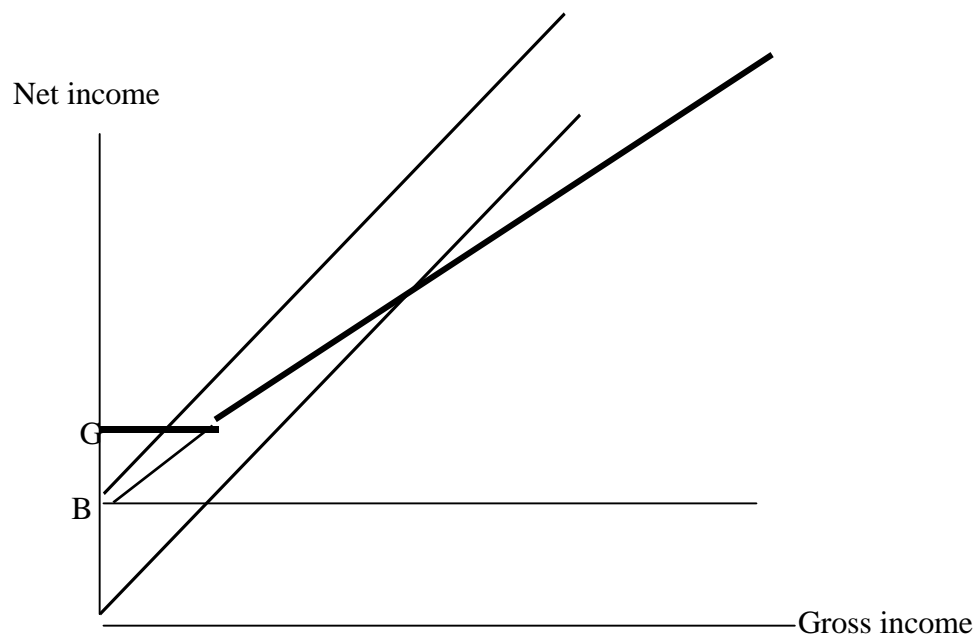


Figure 7.
Partial basic income
(e.g. WRR 1985, Dekkers & Nootboom 1988)

APPENDIX

A Brief History of the Basic Income European Network

1. The origins (1983-1986)

An idea, a collective, a prize. In the Autumn of 1983, three young researchers decided to set up a working group in order to explore the implications of an extremely simple, unusual but attractive idea which one of them had proposed to call, in a paper circulated a few months earlier, "allocation universelle". Paul-Marie Boulanger, Philippe Defeyt and Philippe Van Parijs were then, or had recently been, attached to the departments of demography, economics and philosophy, respectively, of the Catholic University of Louvain (Belgium). The group became known as the "Collectif Charles Fourier". Its main output was a special issue of the Brussels monthly *La Revue nouvelle* (April 1985). But along the way, it won a prize, with a provocative summary of the idea and its putative consequences, in an essay competition on the future of work organised by the King Baudouin Foundation.

The first meeting. With the money it thus unexpectedly earned, the Collectif Charles Fourier decided to organise a meeting to which they would invite a number of people to whom the idea of an unconditional basic income had, they gradually discovered, independently occurred. This became the first international conference on basic income, held in Louvain-la-Neuve in September 1986, with sixty invited participants. This was quite an extraordinary event, with many seemingly lonely fighters suddenly discovering a whole bunch of kin spirits. They included, among others, Gunnar Adler-Karlsson, Jan-Otto Andersson, Peter Ashby, Yoland Bresson, Paul de Beer, Alexander de Roo, Nic Douben, Ian Gough, Pierre Jonckheere, Bill Jordan, Greetje Lubbi, Edwin Morley-Fletcher, Claus Offe, Riccardo Petrella, David Purdy, Guy Standing, Robert van der Veen and Georg Vobruba.

Seeds of a lasting network. At the final session of the conference, several participants expressed the wish that some more permanent association be created, with the task of publishing a regular newsletter and organising regular conferences. Guy Standing proposed calling this association "Basic Income European Network", which gathered an easy consensus, since no one could beat the beauty of the corresponding acronym (BIEN). Its purpose, later enshrined in its Statutes, was formulated as follows: BIEN "aims to serve as a link between individuals and groups committed to or interested in basic income, and to foster informed discussion on this topic throughout Europe." Peter Ashby (National Council for Voluntary organisations), Claus Offe (University of Bremen) and Guy Standing (International Labour Organisation) became co-chairmen. Walter Van Trier (University of Antwerp) became secretary, and Alexander de Roo (parliamentary assistant at the European Parliament) treasurer.

2. BIEN's eight Congresses (1986-2000)

From then on, in addition to smaller events, BIEN has been organising one major conference every second year, in an increasingly structured and professional way. In each case, a major academic or international organisation has accepted to host it, and financial support has been forthcoming from many sources, both public and private, both national and international.

4-6 September 1986: Université catholique de Louvain (Louvain-la-Neuve, Belgium),
with the support of Collectif Charles Fourier and the Fonds national de la recherche scientifique. Plenary addresses by Gunnar Adler-Karlsson, Yoland Bresson, Nic Douben, Bill Jordan, Greetje Lubbi, Edwin Morley-Fletcher, Claus Offe, Riccardo Petrella, Guy Standing and others.

22-24 September 1988: Universitaire Faculteiten St Ignatius (Antwerp, Belgium),
with the support of the Nationaal fonds voor wetenschappelijk onderzoek. Plenary addresses by Hermione Parker, Alexander de Roo, David Purdy, Marie-Louise Duboin, Anne Miller and others.

19-20 September 1990: European University Institute (Florence, Italy),
with the support of the Lega nazionale delle Cooperative e Mutue, the European Commission, the Italian Ministry of Labour, the Fondazione CESPE, the IRES-CGIL, the Banca Toscana and the Cooperative Granarolo-Felsinea. Plenary addresses by Gunnar Adler-Karlsson, Robert Castel, Tibor Liska, Alexandre Marc, Chiara Saraceno, Osmo Soininvaara, Robert van der Veen, Georg Vobruba, Tony Walter, and others

18-19 September 1992: Université de Paris-Val-de-Marne (Paris-St-Maur, France),
with the support of the European Commission and the City of Paris. Plenary addresses by Tony Atkinson, Yoland Bresson, Meghnad Desai, René Dumont, Chantal Euzéby, Francois Ewald, Alain Lipietz, Philippe Van Parijs, Patrick Viveret, Walter Van Trier, and others.

8-10 September 1994: Goldsmith College (London, United Kingdom),
with the support of the Citizen's Income Trust and the Rowntree Foundation. Plenary addresses by Samuel Brittan, Meghnad Desai, Lionel Stoleru, Jack Jones, Ilona Ostner, Hermione Parker, Eduardo Suplicy, Malcolm Wicks, Simon Hughes, Gunnar Adler-Karlsson, Guy Standing, Paul Hirst, Claus Offe, David Purdy and Ken Mayhew.

12-14 September 1996: United Nations Centre (Vienna, Austria),
with the support of the European Centre for Social Welfare Policy and Research and the Katholische Sozialakademie Österreichs. Plenary addresses by Bernd Marin, Gar Alperowitz, Rick van der Ploeg, Bridget Meade-Dommen, Kurt Rothschild, Erich Kitzmüller, Bernard Vincent, and others.

10-12 September 1998: Universiteit van Amsterdam (Amsterdam, Netherlands),
with the support of the Dutch Ministry of Social Affairs. Plenary addresses by Joachim Mitschke, Kees Schuyt, Guy Standing, Zsuzsa Ferge, Paul Metz, Steven Quilley and Fritz Scharpf.

6-7 October 2000: Wissenschaftszentrum Berlin (Berlin, Germany),
with the support of the Heinrich Böll Stiftung and the Hans Böckler Stiftung

3. BIEN's publications (1986-2000)

Proceedings. BIEN's first two congresses were small enough to lend themselves to the publication of proceedings:

Anne G. Miller ed. *Proceedings of the First International Conference on Basic Income (Louvain-la-Neuve, September 1986)*. London: BIRG & Antwerp: BIEN, 1988.

Walter Van Trier ed. *Proceedings of the Second International Conference on Basic Income. (Antwerp, September 1988)*. London: BIRG & Antwerp: BIEN, 1990

Books. Subsequent congresses had far too many contributions for them to fit into a volume of proceedings. Many of the papers presented were independently published and several found their ways into two books largely inspired by BIEN's congresses:

Philippe Van Parijs ed., *Arguing For Basic Income. Ethical Foundations for a Radical Reform*. London & New York: Verso, 1992.

Robert J. van der Veen & Loek Groot eds., *Basic Income on the Agenda. Policy Options and Political Feasibility*, Amsterdam: Amsterdam University Press, 2000, forthcoming.

Newsletter and web site. BIEN has been publishing a newsletter three times per year since 1988 (33 issues so far). Since 1996, it also has a very substantial web site, which includes, among other items, a very substantial annotated bibliography.

Address: **¡Error!No se encuentra el origen de la referencia.**

News flashes. Since January 2000, has started publishing every second month a "BIEN news flash", which is dispatched electronically to over half a thousand subscribers. In addition, BIEN keeps publishing a printed newsletter, but now only twice a year, and in collaboration with Citizen's Income (London).

4. BIEN's structures

The General Assembly meets every second year on the occasion of BIEN's Congress. All fee-paying members of BIEN have voting rights. BIEN currently has about fifty fee-paying ordinary members (Euro 25) and twenty-five life members (Euro 100).

The Executive Committee **is elected for two years at each meeting of the General Assembly. It meets at least once a year. Its members have been :**

Co-chair: Peter Ashby (1986-88), Claus Offe (1986-88), Guy Standing (1986-), Edwin Morley-Fletcher (1988-1998), Ilona Ostner (1996-)

Secretary: Walter Van Trier (1986-94), Philippe Van Parijs (1994-)

Treasurer: Alexander de Roo (1986-)

Newsletter editor: Philippe Van Parijs (1988-)

Recruitment officer: Steve Quilley (1998-)

Conference organiser: Walter Van Trier (1986-88), Edwin Morley-Fletcher (1988-90), Yoland Bresson & Pierre Lavagne (1990-92), Richard Clements (1992-94), Lieselotte Wohlgenannt, Michael Tepser & Bernd Marin (1994-96), Robert J. van der Veen, Loek Groot & Paul de Beer (1996-98), Claus Offe (1998-2000)

Honorary members: Edwin Morley-Fletcher, Walter Van Trier, Robert van der Veen (1998-)