

THE NEED OF MUNICIPAL FISCAL EQUALIZATION REFORM IN ESTONIA¹

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Abstract

Estonian municipalities have to perform a broad range, while their fiscal resources are often limited in comparison to functions and large disparities in fiscal capacity prevail among them. Moreover, the power to regulate fiscal affairs is mostly in the hands of the central government. Municipalities do not possess satisfactory development planning perspectives. In particular municipalities in the North-East region and South Estonia have experienced considerable fiscal stress. We discuss how a strict application of the connexity principle can protect municipalities from the fiscal bottleneck. We also recommend the introduction of the principle of parallelism and investigate its effects on the down-flow grant system in Estonia. The procedure of determining the total sum of block grants needs to be changed. In most cases a high degree of parallelism applied when providing the unconditional grant via the equalization fund improves the fiscal stability and predictability of Estonian municipalities.

Keywords: fiscal equalization, municipal finance, connexity, principles of parallelism, Estonia

JEL Classification: H27, H70, H77, R10

1. Introduction

After a phase of transformation leading to a functioning private sector economy and the separate establishment of a public sector, a period of consolidation for the public sector is needed in new market economies. Estonia comprises a central government and municipalities as the sub-national jurisdictions.³ In part as a consequence of rather unbalanced regional development, the fiscal capacity gap among municipalities has gradually increased in this country during the last decade.

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³ In Estonia, the municipalities consist of the cities (towns) and rural municipalities. In some cases the towns and their rural hinterlands form a mixed town-rural municipality.

In Estonia all municipalities have to perform a broad range of functions (see Figure 1), even though their fiscal resources are often seriously limited. In order to provide them with better chances in a fierce regional competition process, a more equitable financial endowment appears to be desirable as an initial condition for further local economic development. In addition new task requirements have to be met within the framework of the European Union, which in many cases are related to the minimum provision of infrastructure services for which the municipalities are responsible according to the Estonian constitution. Moreover, this fact bears some conflict potentials because the power to regulate fiscal affairs (concerning e.g. conditional grants and/or the size of the equalization funds for unconditional grants) is mostly in the hands of the central government, while the regulatory competence of the municipalities has remained rather weak. Therefore, among other issues, a well-functioning fiscal equalization system should be developed to encourage the local efforts to achieve fiscal balance, to improve fiscal autonomy and to support the public activities of municipalities. In particular, a more stable and predictable vertical equalization system appears to be urgently necessary in Estonia.

This study primarily aims at dealing with the following research topics:

- (1) How has the existing Estonian vertical equalization system developed? What are its regional implications, strengths and weaknesses?
- (2) Should the connexity principle and the principle of parallelism be chosen as the basis of reform?
- (3) How should the block grants (unconditional grants) be determined considering fiscal need and fiscal capacity indicators, and how could the principle of parallelism be introduced in this context?
- (4) What are the effects on revenue changes that are led by the implementation of the parallelism for municipalities?
- (5) Can we expect more balanced fiscal development of municipalities when applying the reform proposal?

This paper is structured as follows. After this introductory part, the first question is tackled in the second section. Information about the characteristics and problems of Estonian fiscal equalization is provided there as well. The application of basic principles as the reform recommendations and results will be discussed in the third section. The final section briefly summarizes the major findings of the paper and discusses the anticipated consequences of the reform and concludes.

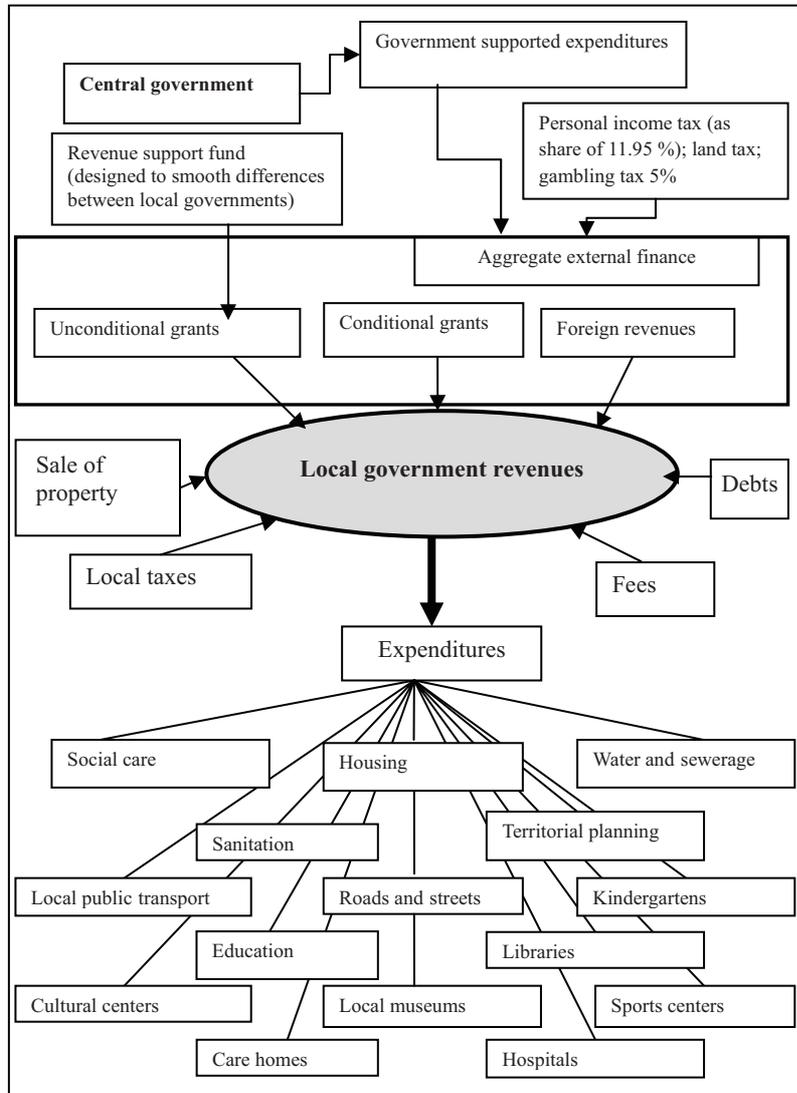


Figure 1. Functions and finance sources of municipalities in Estonia. (Reiljan, Ramcke, Ukrainski 2006)

2. Estonian Fiscal Equalization System

In Europe the parliament of a country generally has the obligation to provide the country's municipalities with sufficient financial resources to be used at their discretion within the framework of their powers. In addition, the need to protect financially weak local authorities calls for the fiscal equalization procedures which, however, do not diminish the discretionary powers of local authorities to perform their tasks of self-administration. In Estonia, local government's responsibility areas are determined by the Local Governments Organization Act (KOKS, RT I 1993, 37, 558). Yet, the functions of local governments are not always explicitly described. According to a survey conducted by the Ministry of Internal Affairs, local government responsibilities have already been regulated in the mid-1990s by almost 450 different laws and legal acts that had assigned over 400 different tasks.

The main functions of Estonian local governments are explained in a systematic way in Reiljan et al. (2006). Estonian local government functions are relatively similar across counties (see Figure 1) but their fiscal strength greatly differs from one municipality to another. The share of *tax revenues* of all municipal revenues⁴ comprises approximately 47% of the total revenue of Estonian municipalities. Harju County leads the ranking with the share higher than 55%, followed by Tartu County representing the share equal to the Estonian average. In South Estonia, the value only amounts to 32 to 34%. In approximately half of all counties, tax revenues make up around 41 to 43% of total municipal and town revenues. The major source of the Estonian municipal tax revenue is personal income tax.⁵ The disparities between the share of per capita personal income tax receipts in municipal budgets in different Estonian counties and its Estonian average have become more apparent during the period 1997-2006. In Harju County, the share of per capita income tax receipt was around 36% higher than the Estonian average in the period of 1997-2002, while its excess amounted to 31% of the Estonian average for the period 2003-2006. The economic recession in Ida-Virumaa led to a drop of income tax receipts level from 73% in the period 1997-2006 to 66% of the state average during the period 2003-2006. The counties in the eastern and southern parts of Estonia have experienced the lowest income tax receipts per inhabitant. The income tax share of all municipal revenues differs between the counties but its level presently reaches around 35 to

⁴ This relation is used to describe the fiscal autonomy (De Mello 2000).

⁵ Until 2002, 56% of all income tax collected was given to the municipalities and 44% to the central government. During last years, the major tax policy objective was to reduce direct taxes and replace them by indirect taxes in Estonia. The personal income tax rate has been gradually reduced from 26% to 21% (from 2004 to 2009). Consequently the municipal share of income tax amounted to 11.4% of gross income in 2004, while the share grew to 11.9% in 2009. All tax allowances, e.g. for interest rates, costs for education and private retirement savings, are made from the central government's portion of income tax, which was 14.6% of gross income in 2004 and 9.1% in 2009. Because of the fiscal problems related to the central government budget the reduction of personal income tax rate was stopped in February 2009. As a consequence of central government budget crisis the share of municipalities was reduced to 11.4% by parliament, whereas the central government's share increased to 9.6%.

38% in the majority of Estonian counties. Analogously the share of other taxes⁶ of all municipal revenues also differs from one county to another.

The share of *self-revenues* (including shared taxes, sales, rents and interests received) of total municipal revenues also varies considerably in Estonia. For example, its share comprises approximately 80% in Harju County, whereas in South Estonia the share has remained at the 41 to 43% level. In most counties, the share makes up 50 to 55% of their total revenues. The regional dispersion of municipal self-revenues, total tax revenues and income tax revenue (per inhabitant) decreased in years 2003-2008 in comparison to years 1997-2002 (see Table 1).

Table 1. Regional dispersion of municipal self-revenues, tax revenues and personal income tax receipts per inhabitant compared to the national average for the periods 1997-2002 and 2003-2008

	Self-revenue 1997- 2002	Self-revenue 2003- 2008	Tax revenue 1997- 2002	Tax revenue 2003- 2008	Personal income tax revenue 1997-2002	Personal income tax revenue 2003-2008
National average dispersion*	28.38	24.04	26.92	23.80	27.83	22.89

* Measured in terms of deviations from national average weighed by population share of counties.

Source: Authors' calculations.

The share of *state budget grants* of total municipal revenues increased remarkably, from 25% in 1997-2002 to 35% in 2003-2008. Since the equalization fund resources (with the share of approx. 7%) remained stable, this fact in turn indicates that the share of conditional grants grew also steadily, from 18% to 28% in municipal total expenditures. State budget grants are of the greatest importance for municipal budgets in South Estonia, shown by the share amounted to 56-58% in 2003-2008. In Harju County, grants from the state budget made up a substantially lower share of total municipal expenditure, reaching approximately 10% in the period 1997-2002 and 20% in 2003-2008. In the latter period the conditional grants⁷ contributed to the increase in the relative revenue level by more than 14% compared to the national

⁶ Municipalities in Estonia also collect land tax and they have the right to enforce its rate between 1 to 2.5% on the land value basis. Many municipalities use the right to waive land tax on residential land owned by pensioners for their own use. Land tax in most cases makes up around 2 to 4% of total municipal revenues. Moreover Estonian municipalities have the right to establish local taxes, e.g. gambling tax, land tax, local sales tax, municipal boat tax, advertisement tax, tax for closing of streets, etc. Local taxes on average amount to less than 1% of municipal budgets in Estonia.

⁷ The majority is given to municipalities to cover specific conditional tasks – paying comprehensive school teachers' salaries, buying textbooks and making investments, paying social aid, (partially) covering school lunches and supporting the living environment on small islands (see below).

average in five counties, while the drop in Harju County accounted for around the similar extent. The significance of conditional grants on the relative revenue level in rural municipalities and towns in Pärnu and Ida-Viru counties has been quite low.

The share of *unconditional grants (block grants)* of the total volume of central government grants to municipalities dropped from 28% in 1997-2002 to 21% in 2003-2008. The share only rose in Hiiu County (from 18% to more than 25% between these two periods). Despite some reduction, equalization grants accounted for 35% of total grants in Ida-Viru County and 30-31% in counties in South Estonia. The *equalization fund* has been playing a remarkable role⁸ for the local finance of more than 90% of all municipalities. Regionally, the importance of the equalization fund varies remarkably. About 17% of total revenues in rural municipalities in counties in East and South Estonia are presently endowed with the equalization fund provisions. The per capita unconditional revenues after the equalization currently vary by 24% on average, with some exceptional cases like 100% in Hiiu County and 76% in Ida-Viru and Valga counties. The effect of equalization fund provisions on unconditional budgetary municipal resources of counties compared to the national average ranges from 24 to 27% in southern Estonia. The impact of the equalization fund on income growth is also remarkable in counties located in eastern Estonia. The *loan* capacity as the relationship between contracted loans and self-revenues has fallen in the majority (around 60%) of counties and risen in the rest share of counties during the last ten years. Many municipalities finance their expenditures, especially investments, by borrowing.

For the fiscal equalization of Estonian municipalities and coverage of expenditure needs with revenues, the central government plays a leading role. According to §154 of the Estonian Constitution, the municipalities which operate independently according to the law, decide and organise all elements of life in the local area. The same paragraph describes the basis for financing these functions as follows: "municipalities can be obligated to fulfil tasks only via law or in agreement with the municipality. Expenses connected with tasks designated to the municipality by law will be financed from the state budget". So it is clear that the Estonian Constitution does not provide financial autonomy through an independent tax base for the municipalities. The §160 of the Estonian Constitution notes, "...the law will resolve management issues in the municipality and the supervision of its activities" (Eesti Vabariigi põhiseadus 1992).

In the Law of Municipal Financial Management currently adopted by parliament, the Ministry of Finance follows the approach that says the state can intervene in municipal activities, including the prescription of ways how local issues should be

⁸ Deciding over the size of the equalization fund could be seen as a financial instrument for increasing the administrative power of the central government. Less than 10% of all local governments have sufficient self-revenues and they are not dependent on the central government's balancing support. The question arises whether such an equalization amount does not stimulate a municipal dependent mentality and weakens their own attempts for raising their own revenue (for instance supporting entrepreneurship development etc.).

managed (eletuskiri kohaliku omavalitsuse üksuse finantsjuhtimise seaduse eelnõu juurdeseletu 2008). The Ministry of Finance also concludes that the European Charter of Local Self-Government does not exclude the option of control over the rationale of municipal activities, when this is balanced with the importance of interests that need to be protected. Paragraph §9 of the State Budget Law defines the relationship between the state budget and municipal budgets, supporting the ideas given in the Constitution and specifies: “grants from the state budget are passed to the municipal budget via (1) the equalization budget fund; or (2) specific purpose-oriented (conditional) grants”. The equalization funds provide the municipalities with block grants (Riigieelarve seadus 1999).

Paragraph §5 on “Revenues of Budget” of the Law of Rural Municipal and Town Budgets provides a list of municipal revenue sources on the basis of their economic content (Valla ja linnaeelarve seadus 1993): (1) taxes; (2) sales of goods and services (including user charges); (3) (one-time) sales of material and immaterial assets; (4) income from assets; (5) financial supports including foreign aids; and (6) other revenues including fines. The state budget as the source of revenues for municipalities and towns is related to the fifth item of the above list, because remarkable supports can originate only from the state budget in most cases. Paragraph §8 of the same law establishes the options for contracting a loan: rural municipalities and towns can borrow, use capital rent, issue bonds and contract other liabilities.⁹

Conditional grants have primarily been provided in the fields such as salaries for teachers, family doctors, the social tax and unemployment insurance tax connected to those salaries; investments and expenditure connected with the public responsibilities of municipalities according to the law. The objective of is budgetary balance – state budget grants are made in order to “complement budget revenues”.¹⁰ Following §9, there is a support fund in the state budget to cover revenue deficits in rural municipal and town budgets.

The mechanism for verifying the need for budgetary support for rural municipalities and towns given in §4 of this law and in §9 of the State Budget Law seems at first glance to aim at balancing the interests of the central government and the municipalities: the necessary sum to increase local budget revenues will be determined by negotiations between a state institution appointed by the central government and the municipalities or their unions. However, in the case that an agreement is not reached, the size of that sum is determined by the government in the state budget. Paragraph §9 of the State Budget Law says that “the division of resources in the municipalities budget support fund is carried out according to a procedure and in amounts specified by the government”. Uniform criteria for the allocation of (unconditional) equalization fund and conditional grants among

⁹ In the law there are fixed strict restrictions for local borrowings.

¹⁰“Funding provided in order to increase the local income together with other state budget grants and tax revenues should ensure that the town or rural municipality fulfils its responsibilities as set by the law” (§4 of Valla- ja linnaeelarve seadus 1994).

municipalities have been set by the Ministry of Finance and these are adjusted to the current economic situation every year when preparing the state budget.

Unions of municipalities are weak institutions with only a few officials, and cannot analyse or dispute the rules governing municipal budget supplements or the calculation methods developed by ministries with hundreds of civil servants. Currently, there is no founded method to assess the expenditures connected with tasks legally designated to the municipalities. There is no basis for assessing the different opinions during the negotiations between the central government and the municipal representatives. The specification of investment support has been totally left to the free political choice of the parliament and the central government, which in turn means that the municipalities are directly dependent on the central government's decision. The municipal fiscal autonomy is rather restricted in Estonia.

Further restrictions of fiscal autonomy stem from the potential for the central government to intervene in the performance of local activities, the tendency to include the debts of municipal enterprise in the volume of debts allowed to a municipality and the formulation of need indicators for block grants. In Estonia, several "expenditure needs" criteria are applied: (i) the number of children in two different age groups, (ii) the number of people in the workforce age, (iii) the number of pension-aged people, and to a lesser extent, (iv) the number of people in palliative care as well as (v) the total length of local roads (streets) expressed in kilometres. The choice of such need indicators are mainly under the control of the Ministry of Finance thus increasing dependence of municipalities on the central government. The central government can assist municipalities by increasing the personal income tax rate. However, this policy does not help municipalities under fiscal stress much, since the personal income tax base in the economically distressed areas tends to be narrow. The fiscal conditions of municipal development in Estonia are to a large extent fixed by the fiscal equalization policy of the central government.

Estonian municipalities are generally characterised as being insufficiently funded, having a dependant mentality, struggling to obtain a larger share of the state budget grants and lacking in motivation to find alternative measures for revenue growth (Ulst 2000). In the fast economic growth phase between 2001 and 2007 the fiscal situation of the municipalities gradually improved, but during the current economic and financial crisis the central government of Estonia introduced the shortening of municipal support funds and even cuts of local participation in tax receipts (see Figure 1) to safeguard the central government budget.

A similar situation occurred during the year 2009. The fiscal stress of central government that stems from the economic crises and an extended program of expenditures due to promises to voters lead to a cut of grants by reduction of expenditure indicators shown in table 2 for 2009 and 2010.

At present information and research concerning the 'actual' expenditure needs of municipalities lack in Estonia which can be applied as a basis for equalization purposes when granting the down-flow unconditional transfers. Only a calculation

of normative expenditure based on general characteristics of a municipality exists. However, to specify conditional grants, actual expenditure needs of municipalities should ideally be considered when accounting the size of a conditional grant.

A comparison of municipal fiscal data of EU member states suggests that the situation in Estonia does not much differ from that in other European countries. In particular, two indicators are of interest for the comparison: (a) the financial means available to perform municipal tasks expressed by municipal budget expenditure in relation to country's GDP and (b) the fiscal position in relation to higher governments indicated by municipal expenditure as a percentage of total government sector expenditure. In 2007 the proportion of Estonian GDP (= 8.4%) that the municipalities can use was a quarter less compared to the average value for the EU27 (11.2%).¹¹ At the same time, in Estonia the share of municipal expenditures of total government expenditures was at the EU average level (= 26.1% compared to the EU27 average of 24.5% in 2007). In Scandinavian countries the share of local government expenditures as a percentage of total government expenditures amounted from 40 to 63%. Compared to other new EU member states Estonia achieves the same ranking with the Czech Republic.

Therefore, the main weakness related to the fiscal stress in Estonia does not primarily concern the size of municipal expenditures – although this could be higher because of the needs for local infrastructure – but the fiscal equalization, the autonomy of municipalities and the regional dispersion of expenditures seem to be in a more serious situation. To reduce these regional divergences, to increase and protect the fiscal autonomy of municipalities, and also to decrease local government dependencies on political constellations in the central government, an improvement of the fiscal equalization system in Estonia appears to be necessary.

3. Guiding Principles for Changing Fiscal Equalization

3.1. The Connexity Principle

One group of principles that has to be introduced to stabilize the autonomy and competences of municipalities relates to the so-called connexity principle. This principle states that an imputation of a new function or a reallocation of functions from the central government to the municipalities is only allowed if the central government provides the municipalities with the necessary means to perform the function successfully (Zimmermann 1999). In some EU member countries the downward shift of public tasks from a higher government to a municipal level has quite often taken place while leaving the fiscal burden to the municipalities. In addition, the assignments of public activities and their finance formulated in constitutions have also often been unclear in some countries including Estonia. Although the subsidiarity principle has been widely acknowledged as a mechanism to protect the lower-level government and its activities, solely municipal tasks have

¹¹ Often there are more than two government levels in the larger countries, and when financing the public activities, the relationships between different government tiers must be resolved within a country (see Lenk 2008).

been defined in this context, while the discussion about the ways of safeguarding the municipal fiscal autonomy to finance the assigned local activities has often been lacking.

In some state constitutions of the German Länder the connexity principle is fixed. Consequently the states shifting the tasks to the municipalities should cover the administration costs of these tasks. But it is still controversial to what extent the municipalities should get compensated financially. Sometimes difficulties also arise because municipalities might be unprotected by the federal government which is the case in Germany. In this country municipalities can bring the related disputes only to their own state court. Only in cooperation with the state constitutional court can a case be brought to the federal constitutional court as well. In a rather few exceptional cases the matter can be treated and discussed before a European court. Or – if a connexity principle is formulated under the present conditions in Estonia – the central government has legal possibilities to influence the volume and allocation of municipal expenses and their finance.

Repeatedly, if the connexity principle applies, the central government should take over the administrative costs of the tasks transferred to the local governments. In this context another question arises about the ways how to identify these costs. As municipalities have the organizational autonomy, they are able to determine these costs through the selection of cost assessment, distribution, and calculation methods. Therefore, they can influence the cost estimation process, which would lead to the determination of higher costs that should be then compensated by the central government. Another possibility to be applied would be to assign standard costs. But to what types of municipality should these standard costs refer? It is also questionable whether the municipalities may perform the task transferred to them (as their own activity) in an adequate way. Otherwise the task fulfilment is just an administrative act executed for the central government. Therefore, doubts will emerge with respect to the appropriate costs to be compensated.

A debate on fair costs is likely to end up with a standard cost formulation. In this theoretical framework a vertical principal-agent game between municipalities (as a group or individual municipalities) and the state ministry of finance (as representative of the central government) will take place. There might also be a Nash solution between the negotiating partners, or a powerful central government leaves the municipalities at their minimum utility that is just high enough to execute the local function assigned. This is shown in the Diagram (a) of Figure 2 with the curve UCG showing total utility of the central government (if it carries out the public activity alone) and the curve U_{minM} demonstrating the minimum utility of a municipality that gets higher with the level of local service activities X . The net utility of central government is just the difference between the value of UCG and U_{minM} of a service volume X . The best task performance that the central government can achieve is the point where marginal total utility equals marginal minimum utility of a municipality (Gravelle and Rees 1992).

The standard cost in the sense of central government should be determined in such a way that this solution is achieved. There is a danger that financial means given to the municipalities turn out to be rather small. As a consequence, other self-administrative tasks of the municipalities get hindered or become unfeasible. Another solution would be to maximize the total utility (see the Diagram (b) of Figure 2). In this case the solution will be an activity level where the marginal total benefit becomes zero. With a powerful central government the municipalities can still be kept on their minimum level path, however, the activity level (i.e. the task performance) as the maximum of total utility outcome is higher than that in the case of maximizing total utility minus the minimum utility of the municipalities – see Diagram (a) of Figure 2. Yet the gains between the central government and the municipalities have to be distributed through the definition of standard costs and payments to cover them. In the case of negotiations where the municipalities possess more power, a Nash solution maximizing the product of differences between utility and minimum utility of both partners will be achieved.¹²

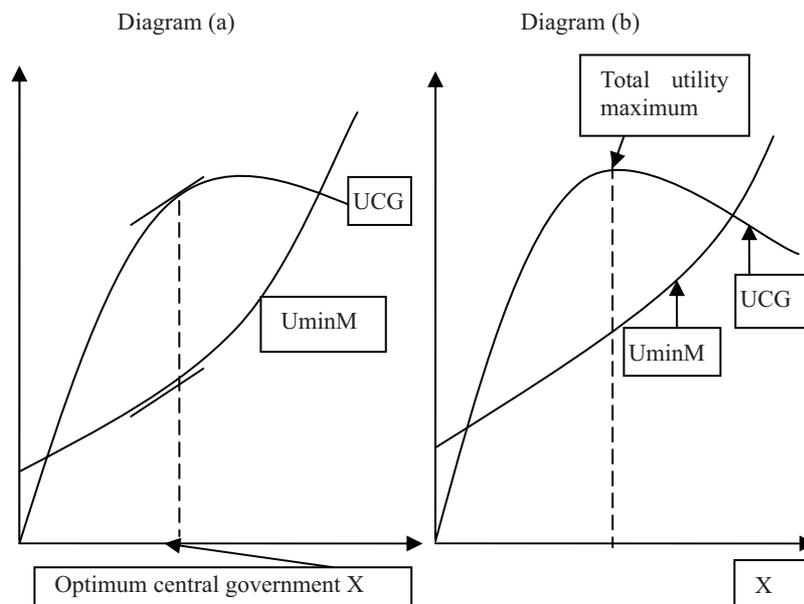


Figure 2. Vertical principal-agent game between a model municipality and the central government. (Authors' conception)

If risks are considered when deriving a solution, one may better turn to the traditional principle-agent models (Gravelle, Rees 1992). If the central government

¹² $(UCG - UminCG) * (UM - UminM) \rightarrow \max$, where UM denotes the utility of a municipality (see also Friedrich, Gwiazda and Nam 2004).

takes risks with respect to the activity results of the municipalities while having information about the amount of local activities, a constant payment just for performance of tasks is the best compensation scheme for the central government. If the activities of the municipalities cannot be detected properly the payment of central government should increase as the activity levels grow.

We argued here in terms of the utility. However, the utility can be expressed differently according to individual goals (such as health, education, environment, transportation, safety, etc.), economic goals like employment, social goals, etc. (Eichhorn, Friedrich 1976). The models should be modified with respect to these various goals to be achieved. For example, the utility can be expressed by employment as a central government goal and ensuring minimum employment in a community as the local goal. There may also be a bundle of goals including political ones where the result depends on different mixes of the goals as well leading to quite different compensations. An indicator of social welfare like net-benefit may be used as well, encountering the difficulty that a nationwide social welfare differs from the local welfare of the citizens of a municipality.

The financial means to compensate municipalities' expenditures related to their activities should ideally be transferred through conditional grants. Funding these functions by block grants, which all Estonian municipalities do not receive, should be limited. Some municipalities would be excluded from the compensation according to the connexity principle.¹³ Other communities might minimize the performance of the new or transferred tasks in order to improve the services of pure self-administration by the unconditioned grant.

The character of public activities to be transferred should be determined and described in terms of certain appropriate criteria. A basic research program should be developed to identify such criteria, also referring to some organizational indicators of management capacities of such municipalities, and including the potentials of other types of local institutions such as cross-municipal associations like the FOCJ (Functional Overlapping competing Jurisdiction) to perform such municipal functions (Friedrich, Reiljan 2008). Towns endowed with some special functions in regional and urban planning with regard to environment, tourist centres, water protection, industries, transportation, etc. might be included in the criteria list.

When realizing the connexity concept, some sub-principles related to its legal stipulation should also be kept in mind (Zimmermann 1999; Blankart, Borck 2004;

¹³ The inclusion of 'people in palliative care' to the expenditure need indicators in Estonia since 2006 is related to the fact that the responsibility for this task was handed over from the central government to the municipalities and the equalization fund was increased. Two problems emerged, however. Firstly, for those municipalities not receiving a share of the equalization fund, their legitimate right to obtain extra financial means for an additional task is being violated. Secondly, resources intended to fulfill a certain task cannot be connected with the equalization fund principle.

Friedrich, Gwiazda, Nam 2004). First of all, the connexity principle should be formulated in detail in the constitution and adequately considered in laws related to the intergovernmental fiscal relations between the different government tiers. Its consideration should be then enforced through the cases and decisions of the constitutional court of Estonia. A specification of the connexity principle has to deal with EU tasks or central government tasks that are under the direct control of the EU. It might be stipulated that the EU itself or the central government has to compensate municipalities. The compensation scheme for task transfers and fiscal assistances should also consider the subsidization schemes laid down in laws or general decrees. These measures could also be accompanied by strengthening municipalities' political power by providing a wider scope of local decision making competences in negotiations concerning the vertical public task transfers (Friedrich, Gwiazda, Nam 2004).

3.2. The Principle of Parallelism

The vertical fiscal relation between central government and municipalities is a crucial issue in Estonia. The amount of financial grants addressed to the individual municipalities depends on the total sum of money devoted to such intergovernmental transfers. This is called the equalization fund in Estonia. There should be a law defining the conditions for the content and size of the equalization funds. This has to express general rules of equalization funds formation whereas individual conditions could be fixed in a yearly fiscal equalization law. That means that the financial sources for this purpose should be stated as a percentage share of specified revenues of the central government, and in addition concerning public debts incurred by the central government. The relationship between block grants and conditional grants should leave a minimum share for block grants. However, the volume of the equalization fund should be in line with the principle of parallelism.

We suggest the implementation of Saxon style principle of parallelism between the central government and the municipalities in Estonia. It says that the development of disposable municipal revenues should be in parallel with the central government's disposable revenue. In order to safeguard the finance of self-administration in municipalities there should be a parallel development of own resources of central government and of municipalities. Politicians are obliged to consider such a parallelism when they determine the equalization funds for block grants. Exemptions from this principle should only be allowed according to the specifications in the law concerning war, epidemics, deep economic crises, natural disasters, serious demographic difficulties, etc. A crucial problem to be solved is the definition of relevant own disposable revenues. To define disposable revenues one may turn to the cash flow that is at the disposal of central government or at the disposal of municipalities. Such a cash flow which is used in Germany to measure the fiscal possibilities and situation of municipalities refers to all revenues minus the inevitable expenses of the municipality. This indicator is named "free top (*freie Spitze*)". For the central government, an additional question also emerges, whether down-flow grants to municipalities become part of the inevitable expenditures of the central government or not. As they are not available to the central government they

should be deducted. The central government of Estonia receives tax revenues from own taxes, shared taxes, payments from the EU, revenues from fees, sanctions, borrowings, sales of state property, dividends of central state enterprises, 25% of customs duties and other revenues. Yet the customs revenues are exclusively transmitted to the EU. Service fees are formed primarily according to the cost coverage and benefit principle. Since they mostly do not increase the financial scope of the central government, they should be excluded as well. Profits received from the Estonian central bank should be included (see Friedrich, Ramke 2007).

Again for the municipalities, tax revenues consist of their own resources as well as revenues from concessions. Dividends of municipal enterprises can be included in the own resource criteria, too. Payments of sanctions to the municipalities increase also the own fiscal resources. Unlike the conditional grants, the block, unconditional grants increase the own financial revenues. Revenues from fees, public debt and property sale should be excluded as already mentioned above. Donations by private individuals that are not related to the additional municipal expenses can be added, too. If they are linked to additional expenses, e.g. construction or renewal of a building to host an art collection, the net fiscal inflow may also be added.

In Estonia a formula for the intergovernmental fiscal equalization exists already. The formula for calculating the amount of the down-flow subsidy (T_n) aimed at supporting the achievement of local governments balance can be expressed as the difference between the normative revenue and the expenditure levels:

$$T_n = (ak - an) * 0.9$$

where:

- an means the normative level of revenues from personal income tax, land tax and charges for the use of natural resources that go to the budget of a local government unit in a given budget year¹⁴;
- ak denotes the level of normatively calculated demand for payments (costs) of a municipal budget in a given fiscal year¹⁵; and
- 0.9 indicates that block grants have to cover 90% of the difference between the normative revenues and normative expenditures.

¹⁴ The normative municipal revenue level (i.e. the capacity indicator an) is the product of the following three local revenue data: (1) personal income tax receipts for the last three years, which is multiplied by the income tax accounting growth rate coefficient (i.e. two thirds of the average coefficient of income tax growth for the last two years); (2) accounting land tax sum, using the land tax rate of 1.25% (the municipality can establish the land tax rate within a range between 1 to 2.5%); and (3) prognosis of received charges for the use of natural resources.

¹⁵ The normative level of municipal budget expenditures (i.e. the needs indicator ak) is calculated by multiplying cost formation indicators with the cost coefficient connected with the indicator unit. As a cost formation basis the following indicators are viewed: (1) the number of 0-6 years old children; (2) the number of 7-18 years old children; (3) the number of 19-64 years old workforce; (4) the number of 65 years old and older; (5) the length of roads (streets in km); and (6) the number of people in palliative care.

The calculation of the normative expenditure demand in municipalities involves a process of harmonizing two dimensions. On the one side, the forecasted level of municipal revenue from taxes and charges on the use of natural resources is found using the above mentioned self-revenue sources. On the other side, negotiations between the central government and the municipalities result in a political decision reflected in the State Budget Law about the size of equalization fund which is designed to help reduce municipal and town budget deficits in the corresponding budget year.

For the individual municipalities the calculated normative revenues are firstly compared to the normative expenditure needs, and then the negative results (i.e. the revenue deficits) are added together for all municipalities suffering from the fiscal stress. The total sum of municipal revenue deficits will be then multiplied by the factor 0.9 and the outcome of this computation should be the same as the sum of the equalization fund politically set. Formally expressed, the revenue deficits for covering the normative costs of all rural municipalities and towns are compensated via the central government grants by exactly 90%.

Table 2 depicts a thorough modification of the expenditure coefficients in 2004: those for the indicators like '7-18 years old children', '65 years old and older' and 'volume of roads' increased while those for others declined. Since 2005 expenditure coefficients increased gradually for all the need indicators. When calculating the growth rate of the expenditure coefficient, the normative municipal revenue growth has been taken into account so that the equalization fund would cover exactly 90% of the normative revenue deficit.¹⁶

Once again one should note that this is solely an equation applied for the entire sum of equalization fund among municipalities and it does not deal with the actual expenditure demand and revenue surplus or the deficit assessment problem. Less than 10% of all municipalities – mainly from Harju County (including the kapital Tallinn) and Ida-Viru County (rural municipalities with high receipts from oil shale mining) – have their normative revenues higher than their normative expenditure needs. Those municipalities are left out of the division of the equalization fund.

¹⁶ When using the equalization fund to cover 90% of the municipal or town normative revenue deficit, the task of unifying the financing for public sector services is fulfilled quite well. Assume that there are two municipalities and the normative revenues of the first municipality cover 90% of the normative expenditure demand whereas the coverage share amounts to 50% for the second municipality. By the given 90% equalization coefficient, the first one gets 9% compensation from the equalization fund and the other gets 45% of the normative expenditure demand. After such an adjustment, the coverage rate of the normative expenditures increases to 99% for the first municipality and to 95% for the second.

Table 2. Expenditure coefficients per expenditure indicator unit used for municipal normative expenditure level assessment (in thousands of kroons)

Expenditure indicators	Expenditure indicator expenditure coefficients (in thousands of kroons)									
	2003	2004	2005	2006	2007	2008	2009*	2009**	2010	
0-6 year old	13.228	8.422	9.473	10.727	13.146	15.282	17.391	16.149	16.52	
7-18 year old	2.231	6.698	7.533	8.530	10.454	12.152	13.829	12.842	13.137	
19-64 year old	4.973	2.818	3.170	3.590	4.330	5.033	5.728	5.319	5.441	
65 years old and elder	3.302	4.094	4.605	5.214	6.290	7.312	8.321	7.726	7.904	
volume of roads (streets)	4.264	29.103	32.734	37.065	44.710	51.973	59.145	54.921	56.184	
people in palliative care			-	7.000	8.444	9.816	11.170	10.372	10.372	

* Expenditure coefficients in regular central government budget enforced in December of 2008.

** Expenditure coefficients in central government "crisis budget" enforced in February 2009.

Source: Ministry of finance adjustment fund calculations 2003-2010, collected by authors.

The parallelism has not yet been considered in Estonian fiscal equalization system because: (1) the total sum of block grants determined annually has been the result of political decision of parliament about the state budget; and (2) the central government has changed the relations of the expenditure coefficients and, by doing so, also the expenditure level assessment of the individual municipalities.

Friedrich *et al.* (2004) have shown how in Saxony the principle of parallelism is integrated into the model of vertical fiscal equalization between the state and its municipalities. Analogously, the concept of parallelism concerns the municipalities' disposable income EG_t and the provided intergovernmental transfers (by the central government) SZ_t . The disposable revenue by the central government is EL_t . From this disposable income we deduct the down-flow grants from the central government to municipalities SZ_t . The size of the intergovernmental transfers is fixed in the period of zero ($t = 0$) at a certain percentage share of the disposable income of the central government (see also Nam, Parsche, Steinherr 2001).

$$\frac{EG_t + SZ_t}{EG_{t-1} + SZ_{t-1}} = \frac{EL_t - SZ_t}{EL_{t-1} - SZ_{t-1}} \quad (1)$$

The size of parallelism can be expressed by

$$(EG_0 + SZ_0)/(EL_0 - SZ_0) \quad (2)$$

The rearrangement of equation (1) leads to

$$SZ_t = EL_t \cdot \left(\frac{EG_{t-1} + SZ_{t-1}}{EG_{t-1} + EL_{t-1}} \right) - EG_t \cdot \left(\frac{EL_{t-1} - SZ_{t-1}}{EG_{t-1} + EL_{t-1}} \right) \quad (3)$$

and analogously

$$SZ_t = EL_t \cdot \left(\frac{EG_0 + SZ_0}{EL_0 + EG_0} \right) - EG_t \cdot \left(\frac{EL_0 - SZ_0}{EL_0 + EG_0} \right) \quad (4)$$

If equation 4 is used to account the block grants for Estonian municipalities we achieve the results in Table 3.

The first attempt refers to the year 1997 as a base year. Column (3) of Table 3 shows the actual block grants and column (9) the block grants under the parallelism. The results reveal that under the parallelism conditions of 1997, the block grants paid would have been lower than the actual ones. However, since 2002 the block grants under the parallelism would have been considerably higher than the actually paid

ones. In 2008 the economic recession tended to affect the municipalities seriously. As shown in column (10), similar results are also obtained if the conditions of 2002 are used as reference for the parallelism. Under the parallelism both levels of governments are gaining from a prosperous economic development and *vice versa*. Until 2009 the yearly actual total block grants SZ_t were determined in Estonia as a result of parliament decision about the central government budget. Under the prevailing conditions a paternalistic central government can protect the municipalities but also expand its influence on the costs of municipalities. As table 3 shows sometimes the municipalities can be better off if central government fixes the block grants. However, the parallelism solution gives the municipalities a larger scope of autonomy to perform their own tasks if block grants and referring tasks are strictly separated from the conditional grants: The latter ones should be paid only to finance the transferred local tasks and to support some self-administration tasks which seem to be important from the central government's point of view.

The parallelism can also be integrated into the Estonian block grant assignment system as well. The block grants of a municipality i at year t amount to

$$SZ_{it} = (ak_{it} - an_{it}) * 0.9, \text{ if } ak_{it} > an_{it} \text{ and } 0 \text{ if } ak_{it} < an_{it} \quad (5)$$

For the total sum of block grants must hold:

$$SZ_t = (\sum_j ak_{jt} - \sum_j an_{jt}) * 0.9 \quad (6)$$

Therefore

$$SZ_t / 0.9 + \sum_j an_{jt} = \sum_j ak_{jt} \quad (7)$$

For the municipality i we obtain:

$$SZ_{it} = (SZ_t / 0.9 + \sum_j^{n-i} an_{jt} - \sum_j ak_{jt} - an_{it}) * 0.9 \quad (8)$$

We may introduce the parallelism according to equation (4):

$$SZ_{it} = 0.9 * \{ EL_t * (EG_0 + SZ_0) / (EL_0 + EG_0) - EG_t * (EL_0 - SZ_0) / (EL_0 + EG_0) \} / 0.9 + \sum_j^{n-i} an_{jt} - \sum_j ak_{jt} - an_{it} \quad (9)$$

Table 3. Calculations of the parallelism for block grants in Estonia

	EL – Central government disposable revenues (million kr) (1)	EG – Local government disposable revenues (million kr) (2)	SZ Block grants sum (million kr) (3)	EL + EG (4)	EG + SZ (5)	EL – SZ (6)	(EG+SZ) / (EL+EG) (7)	(EL-SZ) / (EL+EG) (8)	SZ parallelism 1997 (million kr) (9)	SZ parallelism 2002 (million kr) (10)
1997	13660	3441.4	704.79	17102	4146.2	12955	0.2424	0.7576		
1998	14952	3956.2	695.69	18908	4651.9	14256	0.246	0.754	627.9	
1999	14679	4155.1	736.8	18834	4891.9	13942	0.2597	0.7403	411.08	
2000	16342	4213.3	866.5	20555	5079.8	15475	0.2471	0.7529	770.16	
2001	18018	4636.5	951.8	22654	5588.3	17066	0.2467	0.7533	855.9	
2002	21018	5246.8	1153.3	26265	6400.1	19865	0.2437	0.7563	1121	
2003	23965	5595.2	1150.4	29560	6745.6	22814	0.2282	0.7718	1571.5	1607.9
2004	26402	6309.3	987.83	32712	7297.1	25414	0.2231	0.7769	1621.5	1661.8
2005	30492	7144.6	1000.5	37636	8145.1	29491	0.2164	0.7836	1980.2	2026.5
2006	37268	8777.8	1143.8	46046	9921.6	36124	0.2155	0.7845	2385.9	2442.6
2007	46098	10974	1430	57072	12404	44668	0.2173	0.7827	2862.5	2932.8
2008	42737	12837	1347.2	55574	14184	41390	0.2552	0.7448	636.73	705.17

Note: 1997 and 2002 are reference years for the parallelism.

Source: Authors' calculations.

As is the case with the existing system, the cost coefficient and the total fund sum for block grants are determined in this context. The relation of cost coefficients – not their absolute values – should be fixed and the block grants funds should underlie the parallelism. Then the amount of block grants for a municipality is determined by its own indicator structure, the total block grant funds, the need indicators of other municipalities, the sum of all fiscal indicators and its own fiscal capacity indicator. The cost coefficients vary, but the relation between them remains unchanged. Factor 0.9 is given. Therefore, all municipalities in financial need get the same percentage of normative budget deficit equalized.

4. Consequences for Fiscal Equalization in Estonia

There are several principal implications of the parallelism as a measure to strengthen the fiscal autonomy of municipalities. The parallelism is based on the idea that the assignment of tasks between central government and municipalities should be stable or is expected to be stable. Estonia has to overcome difficulties as the public sector is still in a transformation process. The wish to provide the municipalities with a high autonomy degree conflicts with the practical experience in the country where politicians like to lead and manage its economy and public sector in terms of *ad hoc* intervention. Therefore, some changes in task performance of municipalities are caused by the fiscal interference of the central government. This would be reduced if a certain level of stable parallelism constant exists. One also has to admit that a small country has to cope more often with political, economic and social crises, epidemics, etc. and reactions to them that cannot be much controlled because the causes of such developments are originated abroad.

Moreover, there are political, economic and public management goal conflicts among the central government and the municipalities. A mechanism must be formulated for checking and changing the parallelism. A solution might concern a corridor of change by stipulating the upper and lower levels in the constitution. A negotiation procedure might be installed that leads to a Nash solution in a commission where Estonian municipalities have half of the seats and a voting power which equals that of the central government. The commission has to find a solution within a specified time scope. A referee solution should be foreseen if the commission does not come to terms. For constitutionally fixed (rather rare) cases an emergency procedure may be installed. If such institutional solutions are not available, a parallelism constant might be found for a year where the fiscal stress for central government and municipalities was relatively low. In other words, for that year the own revenues for central government and for municipalities should be determined as the so-called benchmarks.

A further problem implies surrounding the ways to fix the specified grants. They should follow the connexity principle and assist the municipalities with respect to investment and municipality tasks which should have the priorities for the entire public sector. However, they should not sweep out the block grants and by this way skip the parallelism. In addition total minimum amounts of block grants should be fixed. A similar institutional arrangement as stated above might be helpful also in

this case. In this way public tasks for which the central government and Estonian municipalities have to perform together can be considered, which include, for example, regional planning, large infrastructure provision etc.

Furthermore, the conditional grants for tasks related to the connexity principle or the assistance of municipalities to perform nationwide important tasks should be fixed at a minimum referring to a base year. It could be a special percentage of all grants of that base year. This amount may grow according to the growth rate of the central government budget. The equalization funds should be determined according to the condition shown in equation (4) after fixing the own revenues and the block grants in a base year. A certain level of parallelism constant can also be introduced in a more normative way as choosing normative own revenues and block grants to get a more favourable solution for the municipalities. Through the implementation of the parallelism those municipalities which are suffering from serious fiscal stress – especially those located in eastern and southern Estonia – would experience significant gains, when the economic situation improves.

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KOHALIKE OMAVALITSUSTE RAHASTAMISE TASAKAALUSTAMISE REFORMI VAJALIKKUS EESTIS

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Pärast funktsioneeriva erasektori majanduse ja sellest eraldatud avaliku sektori tekkimist transformatsiooniprotsessides vajab avalik sektor uutes turumajandusega riikides teatud tervikuks konsolideerumise perioodi. Eesti valitsussektor koosneb keskvalitsusest ja kohalikest omavalitsustest. Osaliselt arengu regionaalse tasakaalustamatuse tagajärjel on viimase aastakümne jooksul erinevused kohalike omavalitsuste fiskaalvõimekuses järk-järgult suurenenud.

Kohalike omavalitsuste täidetavate ülesannete ring on lai isegi nende omatulude allikate tõsise piiratuse korral. Kohaliku majandusarengu tagamise eeltingimusena on otstarbekas luua kohalikele omavalitsustele ägedas omavahelises konkurentsivõrdsete võimaluste loomiseks õiglane rahaliste toetuste süsteem. Lisaks sellele tuleb Euroopa liidus toime tulla uute nõuetega, mis puudutavad kohalike omavalitsuste vastutusel toimuvat infrastruktuuriteenuste pakkumist. Siin peitub potentsiaalne konfliktiallikas, sest rahaeraldised kohalikele omavalitsustele on pea täielikult keskvalitsuse kontrolli all. Kohalike omavalitsuste kaasaraakimisevõimalused valitsustasandite vaheliste rahavoogude kujundamisel on väga tagasihoidlikud. Aktiivsemat tegutsemist soodustava kohalike omavalitsuste fiskaalautonoomia arendamiseks tuleb paljude muude tingimuste kõrval luua ka hästi funktsioneeriv kohalike eelarvete tasakaalustamise süsteem.

Hädavajalikuna näib stabiilse ja prognoositava vertikaalse rahandusliku tasakaalustamise süsteemi väljaarendamine. Selle eesmärgi saavutamiseks käsitletakse käesolevas uurimuses järgmisi küsimusi:

- (6) Kuidas kujunes Eestis välja rahandussuhete vertikaalse tasakaalustamise süsteem? Millised on selle tugevused ja nõrkused regionaalarengu seisukohalt?
- (7) Kas konnektus- ja paralleelismiprintsiibid võiksid olla aluseks fiskaalsuhete vertikaalse tasakaalustamise süsteemi reformile?
- (8) Kuidas tuletada fiskaalvajaduse ja -võimekuse näitajatest tasandusfondi suurus? Kuidas rakendada selles kontekstis paralleelismiprintsiipi?
- (9) Millised eelarvetulude muutused tooks kohalikele omavalitsustele kaasa paralleelismiprintsiibi rakendamine?
- (10) Kas kohalike omavalitsuste fiskaalareng muutuks reformiettepaneku rakendamisel tasakaalustatumaks?

Euroopas on parlamentide ülesanne tagada kohalikele omavalitsustele piisavad finantsvahendid, mida need kasutavad seadustega määratud volituste piires vaba otsustusõiguse alusel. Kohalike omavalitsuste fiskaalvõimekuse võrdsustamiseks rakendatavad rahandusliku tasakaalustamise mehhanismid ei tohi seejuures vähendada nende otsustamisvabadust. Fiskaalvõimekuse suurte erinevustega Eestis on selle nõude täitmine keeruline. Majandusliku arengu tasemest sõltuvate maksutulude osatähtsus Eesti kohalike omavalitsuste kogutuludes varieerub

maakondade keskmisena 34%-st 55%-ni. Omatulude (määratledes nendena kõik maksu-, müügi-, rendi- ja intressitulud) osatähtsus omavalitsuste maksutuludes varieerub see-eest 41%-st kuni 80%-ni. Eesti kohalike omavalitsuste maksutuludest moodustab põhiosa laekumine üksikisiku tulumaksust, mille tase elaniku kohta on väga erinev: Harjumaal ulatub see 30-35% üle Eesti keskmise, Lõuna-Eesti maakondades jääb 35-40% alla Eesti keskmise. Viimastel aastatel (2003-2008) on võrreldes aastatega 1997-2002 ebavõrdsus omavalitsuste eelarvetulude laekumise tasemes maakondade vahel üldiselt veidi vähenenud.

Keskvalitsuse ülekannete osatähtsus omavalitsuste kogutuludes on märgatavalt suurenenud – 1997-2002. aasta 25%-lt 2003-2008. aasta 35%-ni. Kuna omavalitsuste tulude taseme võrdsustamisele suunatud tasandusfondi osatähtsus on jäänud samal ajal muutumatult ca 7% ligidale, siis tähendab eeltoodu riigieelarvelise sihtfinantseerimise osatähtsuse kasvu omavalitsuste eelarvetuludes 18%-lt 28%-ni. Lõuna-Eesti maakondades ulatub keskvalitsuse ülekannete keskmine osatähtsus kohalikes eelarvetes 56-58%, samal ajal kui Harjumaal moodustasid need keskmiselt aastail 1997-2002 ainult 10% ja tõusid 2003-2008. aastal 20%-ni omavalitsuste eelarvetuludest. Eestis ei ole põhiseaduse ja teiste seadustega tagatud kohalike omavalitsuste fiskaalautonoomia, mis eeldab nende käsutusõigust keskvalitsuse otsustest sõltumatu maksutulude baasi üle. Omavalitsusliidud ei suuda tõhusalt kaitsta oma huve eelarvevahenduste keskvalitsusega. Kiire majanduskasvu aastatel 2001-2007 kohalike omavalitsuste rahanduslik olukord järkjärgult paranes, kuid kriisiaastal 2009 vähendas keskvalitsus ühepoolsete otsustega nii omavalitsuste eelarvesse suunatavat üksikisiku tulumaksu määra kui ka tasandusfondi summat.

Hinnang Eesti kohalike omavalitsuste positsioonile avalikus sektoris võrreldes teiste EL riikidega toimub nende kasutuses olevate eelarvevahendite suhte põhjal SKP-ga ja valitsussektori kogukuludega. 2007. aastal oli Eesti kohalike omavalitsuste kasutuses veerandi võrra väiksem osa SKP-st (8,4%) kui EL-27 liikmesriikides keskmiselt (11,2%). Eesti valitsussektori suhteliselt madala osatähtsuse tõttu SKP-s on samal ajal kohalike omavalitsuste osatähtsus avaliku sektori kogukuludes Eestis (26,1%) EL-27 keskmisest (24,5%) suurem. Seega ei peitu Eesti kohalike omavalitsuste fiskaalprobleemid niivõrd eelarvekulude suuruses (kuigi infrastruktuuri mahajäämus seda tekitab), vaid nende autonoomia puudumises ja regionaalsete erisuste tasandamises. Seetõttu on vajalik tegeleda omavalitsuste eelarvete tasakaalustamise probleemidega.

Konneksusprintsip nõuab, et uute ülesannete andmisega kohaliku omavalitsuse vastutusse peab kaasnema selle edukaks täitmiseks piisavate rahaliste vahendite suunamine kohalikku eelarvesse. Esimeseks probleemiks on antud printsipi toimimise juriidiline tagamine. Kohaliku omavalitsuse õiguse peaks fikseerima riigi põhiseaduses ja selle õiguse tagamiseks vaidluste tekkimisel keskvalitsusega peaks välja kujundama toimiva kohtumenetluste süsteemi esimesest kohtuastmest kuni Euroopa Kohtuni välja. Subsidiaarsusprintsip realiseerub avaliku sektori ülesannete valitsussektori tasandite vahelises jaotuses ainult siis, kui on tagatud nende ülesannete adekvaatne rahastamismehhanism. Sellega seoses tõstatub omakorda iga ülesandega seotud kuluvajaduse hindamise probleemid: kuivõrd on võimalik välja

tuua standardised kulud ja kuivõrd on kohalikud omavalitsused standardised mingi ülesande täitmise aspektist käsitletuna? Selles osas pakutakse välja erinevaid teoreetilisi lahendusi.

Uute ülesannete üleandmisega kõigile omavalitsustele peab kaasnema kõigi omavalitsuste standardiseid kuluvajadusi arvestav rahastamismehhanism, st sihtfinantseerimine. Tasandusfondi suurendamine uute ülesannete kuluvajaduse katmiseks ei ole õige, sest esiteks peavad tasandusfondi vahendid olema kasutatavad vaba otsustusõiguse alusel ja teiseks ei saa kõik omavalitsused tasandusfondist eraldisi.

Avaliku sektori ülesannete jaotamisel keskvalitsuse ja omavalitsuste vahel tekib sageli paratamatult probleem, kus ülesannet ei peaks täitma keskvalitsus, kuid paljud omavalitsused iseseisvalt selle täitmisega toime ei tule. Seega ei taga omavalitsuste autonoomiat mitte ainult sõltumatud rahaallikad ja vaba otsustusõigus, vaid ka omavalitsuste koostöös toimivate organisatsiooniliste vormide väljakujundamine. Keskkonnakaitses, turismikeskuste loomisel, transpordi arendamisel ja muude taoliste ülesannete täitmisel on tähtis välja töötada koostööorganisatsioonide adekvaatsed rahastamismehhanismid.

Kohalike omavalitsuste tulutaseme võrdsustamisele suunatud keskvalitsuse ja omavalitsuste vertikaalsete rahaliste ülekannete mahu probleem vajab Eestis sisulist lahendamist. Iga omavalitsuse puhul sõltub tasandusfondist saadud summa suurus jaotusvalemi kõrval fondi suurusest. Võrreldes kindlate ülesannete täitmiseks ette nähtud keskvalitsuse sihteraldistega kohalikesse eelarvetesse peaks tasandusfond mängima tagasihoidlikku rolli. Samas peaks aga tasandusfondi kujunemise alused ja suuruse reguleerima seadusega. Regulatsiooni alusena näevad autorid parallelismi-printsipi. Käesolevas uurimuses rakendatakse parallelismiprintsipi keskvalitsuse tasandusfondi suuruse määratlemisel SLV Saksi liidumaa stiilis. Selle kohaselt peab kohalike omavalitsuste käsutuses olev eelarvevahendite summa muutuma üldjuhul (st sõdade, epideemiate, looduskatastroofide jms mõju vaatluse alt välja jättes) paralleelselt keskvalitsuse käsutuses oleva eelarvesummaga. Lahendamist vajab küsimus, kuidas piiritleda valitsustasandi „käsutuses olevad eelarvevahendid“ – kõigepealt, kas enne või pärast vertikaalülekannete toimumist. Seejärel tuleb määratleda mõlema valitsustasandi eelarvete omatulude koosseis, mille muutumise paralleelsust tahetakse tagada. Riigieelarvest kohalikele omavalitsustele suunatud sihteraldiste käsutajana käsitletakse keskvalitsust, aga kasutusotstarbe piiranguta tasandusfondi vahendite käsutajana kohalikke omavalitsusi.

Eestis ei järgita tasandusfondi suuruse ja jaotuse kujunemisel parallelismiprintsipi. Ühelt poolt määratakse tasandusfondi suurus igal aastal eelarveprotsessis parlamendienamuse (st valitsuskalitsiooni) poliitilise otsusega; keskvalitsus võib muuta standardkulude normatiive, mille tagajärjel muutuvad iga üksiku omavalitsuse kuluvajaduse hinnangud ja seeläbi tasandusfondist saadava summa suurus. Käesolevas uurimuses rakendatakse Eesti andmete alusel parallelismi-printsipi nii, nagu seda tehakse SLV Saksi liidumaa valitsuse ja kohalike omavalitsuste vertikaalsete rahandussuhete kujundamisel.

Käsitletud paralleelismiprintsiibi variandi rakendamisel on tulemused Eesti kohalike omavalitsuste suhtes vastuolulised. Majanduse kiire kasvu perioodil (mil üldjuhul ebavõrdsus tulutasemes suureneb) eraldas Eesti keskvalitsus tasandusfondi paralleelismiprintsiibi alusel arvatust oluliselt vähem vahendeid. Majanduse languse aastal 2008 kujunes aga tasandusfond paralleelismiprintsiibiga ettenähtust suuremaks. Tulemuste interpreteerimisel tuleb olla ettevaatlik, sest paralleelism eeldab funktsioonide stabiilset jaotust valitsustasandite vahel. Igal juhul tugendab aga kindlate mängeeglite, sh paralleelismiprintsiibi rakendamine kohalike omavalitsuste fiskaalautonoomia aluseid. See aitaks Eesti avalikul sektoril jõuda transformatsioonifaasist stabiilse arengu faasi.

Kohalike omavalitsuste autonoomia suurendamine ei ole kerge riigis, kus keskvalitsuse poliitikutele meeldib otsese sekkumisega juhtida või vähemalt suunata avaliku sektori arengut. Seetõttu on muutused kohalike omavalitsuste toimetulekus sageli esile kutsunud keskvalitsuse sekkumisega nende eelarveprotsessi. Sellist sekkumist aitaks vähendada paralleelismiprintsiibi rakendamine. Samas on aga väike riik suhteliselt tundlik poliitilise, majandusliku või sotsiaalse kriisi nähtustele, mis sageli võivad pärineda väljastpoolt. Selliste arenguhäiretega toimetulek on keskvalitsuse ülesanne, mis vajab selleks teatud paindlikkust eelarvevahendite jaotamisel.

Veelgi enam, olukord muutub pidevalt ja toob kaasa üha uusi vastuolusid valitsustasandite vahel. Mingit absoluutset formaalset lahendusmehhanismi nende lahendamiseks ei ole võimalik välja töötada. Pidevalt tuleb kontrollida rakendatud mehhanismide sobivust ja nende muutmise vajadust. Rakendada tuleks Nashi lahenduseni viivat läbirääkimiste protsessi komisjonis, kus hääled jagunevad keskvalitsuse ja kohalike omavalitsuse esindajate vahel võrdselt ning mis töötab kindlaksmääratud ajapiirangu tingimustes. Teatud „vahekohtu lahend“ rakendub juhul, kui kooskõlastuskomisjonis ei jõuta kokkuleppele.

Kohalikes omavalitsustes tuleb lahendada ka probleeme (näiteks suured infrastruktuuriprojektid), millel on tähtsus kogu riigi seisukohalt. Nende lahendamiseks peaks keskvalitsus rakendama spetsiifilisi sihteraldisi, mis jäävad välja paralleelismiprintsiibi rakendusala. Kuna tasandusfondil on omavalitsuste eelarvetulude taseme (elaniku kohta) võrdsustamise ülesanne, peab olema fikseeritud selle miinimumsuurus, mis võimaldaks võrdsustamise ülesandega vähemalt rahuldavalt toime tulla. Tasandusfondi miinimumtase võiks aastate lõikes muutuda majanduse reaalkasvu määra võrra. Selle nõudmisega tuleb arvestada paralleelismikriteeriumi ja -konstandi valikul.