

How a Broadened View on Land Readjustment Can Help Dealing with Future Spatial Challenges

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Key words: Implementation of plans; Land readjustment; Spatial planning; Urban renewal

SUMMARY

How a broadened view on land readjustment can help dealing with future spatial challenges

Keywords: voluntary land readjustment, urbanization, migration, spatial planning, participation

Based on existing methods and legislation on voluntary land readjustment in rural areas, the Dutch Cadastre department of spatial planning started developing more participatory methods, tools and processes. New methodology and tools were developed to support involved parties to form ideas and create plans. Processes were designed to be more successful in a bottom-up, participatory culture. The new methodology and tools were incorporated in rural voluntary land readjustment projects but also in urban (pilot) projects. One important outcome of this innovation is that the instrument of voluntary land readjustment, in proposed legislation, also can be deployed in urban areas.

A meaningful lesson learned is that the dynamics in rural and urban areas differ from each other but that the basic principles of voluntary land readjustment are interchangeable. The lessons learned about these dynamics can help us dealing with challenges in the future. Especially those challenges or problems which affect both areas. The transition towards production of renewable energy and coping with climate change will have an enormous (spatial) impact on cities and rural areas. Rural areas can produce energy for cities. Cities and rural areas must be designed to be more climate adaptive (watermanagement). And how about fitting in the infrastructure to move the produced electricity and water?

Another challenge is the shifting of migration patterns. For the first time older people are leaving the biggest cities in Holland. For families this trend has already been so for several years. What

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does this mean for the liveability (social, economical and environmental) in cities? Can cities learn from the rural areas where this is an ongoing phenomenon for several years?

In this paper we will discuss how a broadened view on voluntary land readjustment and participation can help us with future challenges in spatial planning in urban and rural areas.

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