Looking Internationally: Aging Tower Blocks in the 21st Century
A Global Challenge and Opportunity

The challenges of aging tower blocks are not unique to Toronto; it is an issue found the world over.

From the former Soviet Union to Western Europe, the Americas to East Asia, the modern tower block is truly part of the global landscape. A defining housing type of the 20th Century, it has largely filled its mandate of providing well serviced and equitable housing for tens of millions of people. Today, many of these buildings are reaching the end of their first life cycle.

There have been a variety of responses in updating this housing stock for the 21st Century. In Europe in particular, the community-building and carbon-cutting potential of aging towers has resulted in a several innovative projects in building and neighbourhood renewal. Mixed ownership, massive scale redevelopment and liberalization of land use restrictions to encourage entrepreneurship are some of the strategies that have enabled apartment districts to evolve to meet today’s housing and community needs.

The most exemplary and comprehensive of these rejuvenation projects have transformed once forlorn districts into popular neighbourhoods, that include cultural facilities, markets and, in the case of central London, even successful urban agriculture, while maintaining affordable housing. Of particular note are Bijlmermeer (Amsterdam), Marzahn (Berlin) and Topli Stan (Moscow). Many of these examples are relevant to Toronto.

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Images
Opposite: The comprehensive renewal of a towerblock community in Halle Neustadt, Germany, including infra, building upgrade and new public spaces.
Section Cover: New commercial infill and building renewal, Marzahn, Berlin.
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The world over, reinvestment has transformed tower block neighbourhoods into models for vibrant communities and urban sustainability. In Toronto, we have an opportunity to learn from the best international examples, while developing cutting edge solutions best suited to the Canadian urban context and climate. There exists a great opportunity.

Notable International Strategies Include:

- Environmental upgrade
- Building renovation and housing upgrade
- Urban design and enhanced public realms
- New permanent retail and outdoor markets
- Urban agriculture and enhanced green spaces
- Introduction of new housing and infill
- New housing ownership models (inclusive zoning)
- New investments in transit and other infrastructure

Varying Tenure and Continued Investment

In Europe, apartment towers make up a considerable share of the housing market, and in many post-Soviet areas they make up the majority. In Western Europe this housing stock is predominantly used by the economically disadvantaged, while in Eastern Europe and Russia it continues to contain an incredibly mixed tenure and is home to a large percentage of the middle class. Addressing tower blocks has been key to the housing policy of most European countries.
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International Building Renewal

Internationally, over-cladding aging high-rises has been a key strategy for carbon reduction, especially in the European Union (EU). A leader in the field has been Germany, where the tower blocks of post-wall Berlin have been significantly upgraded as part of both environmental policy and unification.

In Bratislava (pictured left), the entire district of the Petržalka, consisting of hundreds of tower blocks, is in the process of being over-clad as part of Slovakia’s environmental agreement in joining the EU. Paid for in part by the EU Commission of the Environment, the municipality and private investors (who gain development rights on adjacent properties), the project is not only making buildings more efficient, but also breathing new life into this aging district through new mixed use and improved public space.
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Services and a Mix of Uses

While many Apartment Neighborhoods in Toronto suffer from a lack of services and amenities, many in Europe are thriving. These European tower neighborhoods were originally planned with retail, cafes, and services, augmented by a recent effort to renew these neighborhoods through both public and private investment.

In Eastern Europe and the former Soviet Union, markets, kiosks and retail podiums offering every type of goods and services have emerged within tower districts since the end of the Cold War. In Western Europe, publicly sponsored neighborhood renewals have introduced a variety of housing types, as well as renewing community facilities, public spaces, and infrastructure.

The Idea Store, in the London borough of Tower Hamlets, is a remarkable example of integrating needed services, improving urban design, and helping transform neighborhood image.

Commissioned by the borough and designed by architect David Adjaye, the Idea Store consolidates a remarkable set of services, from language training to community meeting rooms, to a public library, into one structure located directly in the center of a dense apartment community. Targeted specifically at the area’s wealth of newcomers, its mission is “Welcome to London, how may we help you?” The Idea Store also contains a series of shops rented to local merchants, helping to promote entrepreneurs, this also makes the neighborhood vibrant and active. The Idea Store is a remarkable project highly applicable in Toronto.
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Landscape and the Urban Farm

In many European cities, the ‘park’ around these towers has been maintained, resulting in outdoor areas of high quality. Roehampton, (top centre), provides unobstructed access to London’s Richmond Park; truly a building in the landscape. In Germany, in neighbourhoods such as Berlin’s Gropiusstadt, tower blocks sit within well-used parks and next to beirgartens. Properly maintained, the “tower in the park” can offer a high-quality environment.

Many cities have cultivated the areas around towers as urban farms. In cities such as London, urban farming has had a strong presence since the 1970s. Many of the sites in the Farm Garden UK Network (www.farmgarden.org.uk) are integrated into tower blocks and council housing. Complete with livestock, these farms provide training for children as part of local school curricula, as well as community kitchens and seasonal markets. In China urban agriculture now feeds one third of the population.