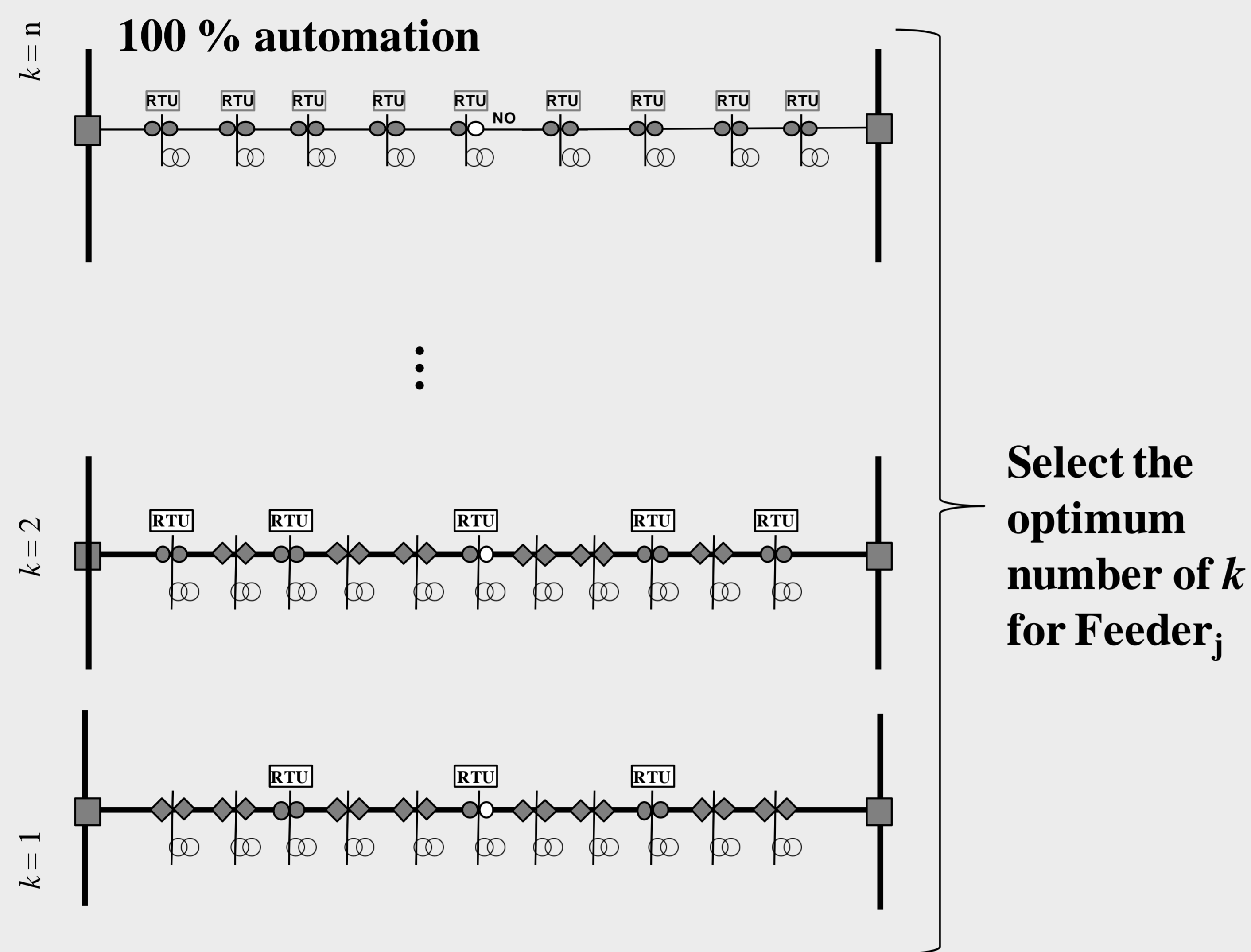




DISTRIBUTION AUTOMATION STRATEGY FOR URBAN NETWORKS

Summary

The results demonstrate optimal Distribution Automation (DA) strategy for urban area networks.



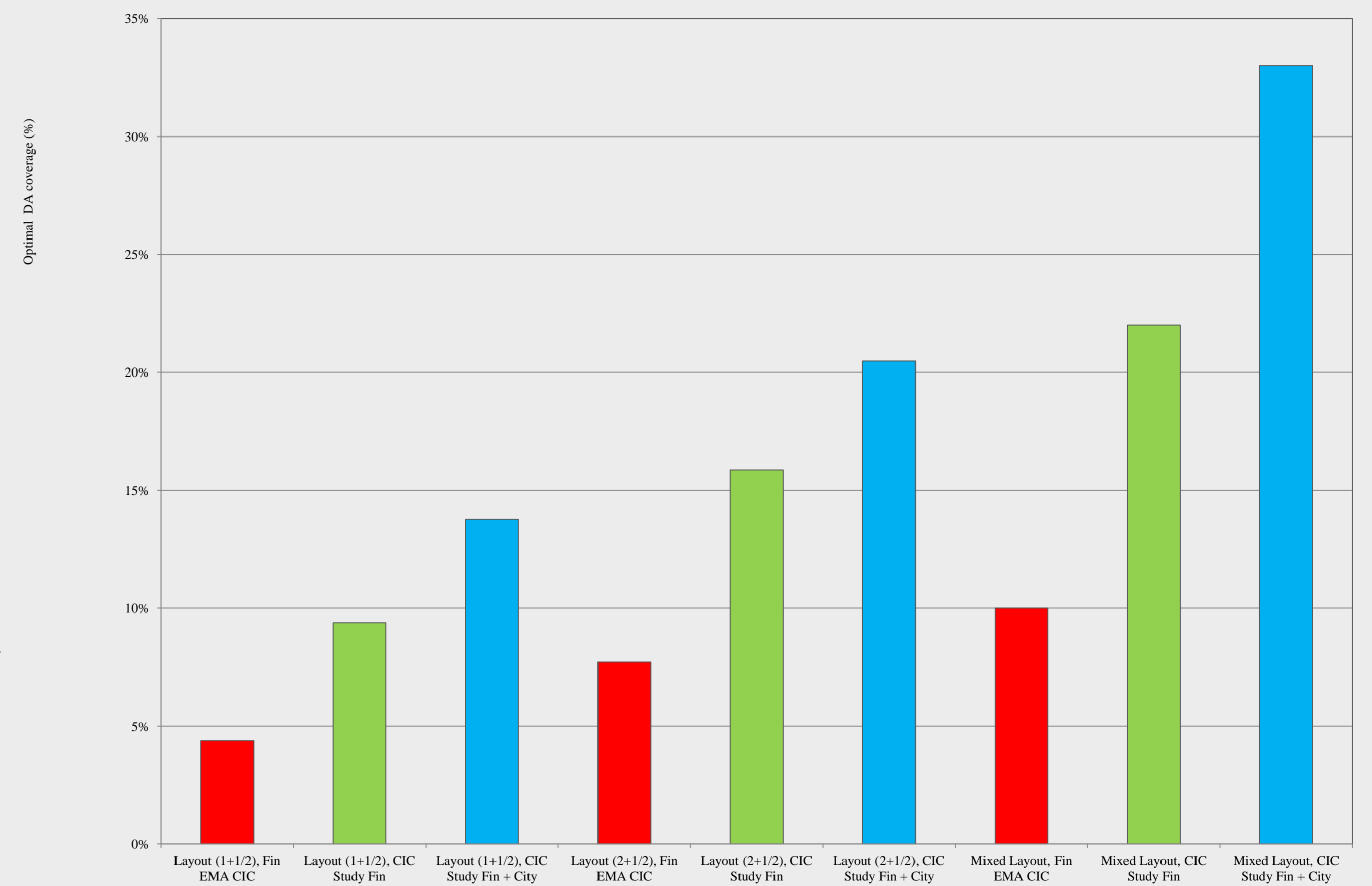
All urban networks worldwide can benefit from the results, even rural area networks. Utilities can target the investments so that the cost/benefit ratio is optimum and the decrease in customer interruption cost is the most significant.

Background

The urban society is increasingly more dependent for uninterrupted electricity. The problem is what Distribution Automation strategy urban utilities should use in the transition to more reliable self-healing networks.

Solution description

The results demonstrate multiform DA layout strategy for urban networks. Also the solution results in a real urban network is presented.



Collaboration and continuation

The SHOK concept sets a firm ground to study in collaboration with utilities, universities and industry under T&D concept and leadership. The results are taken onwards within Task 6.9 Self-Healing City Networks (e.g. to CITY-FLIR) and Theme Active Network and System Management.

More Information

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