



# Degraded pasture

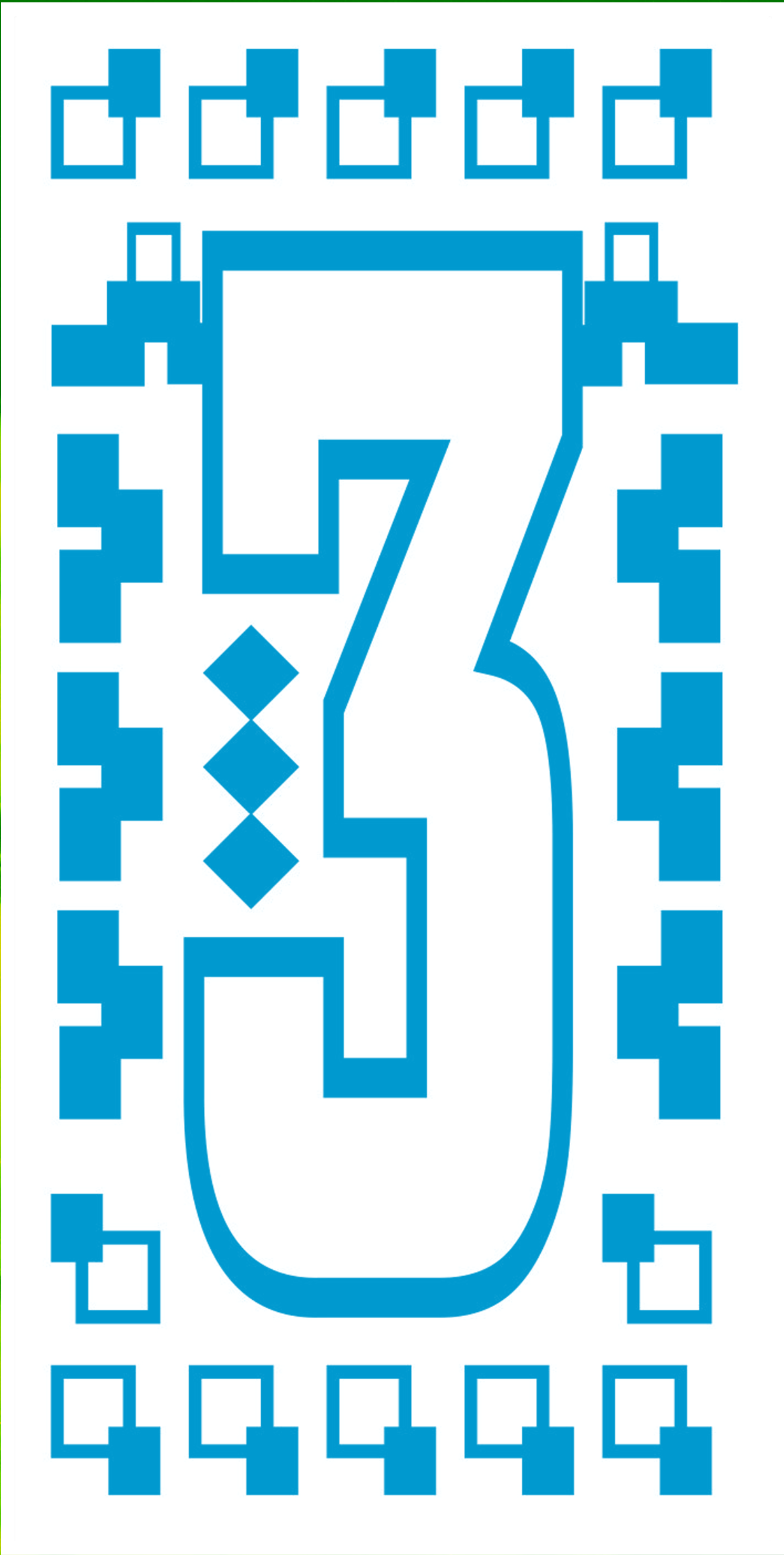






# No-till planting





# Nitrogen fixation







# Maize - Brachiaria Consortium







# Deep rooting



60  
cm -

70  
cm

80  
cm

90  
cm

1  
m

1,1  
m

1,2  
m

1,3  
m

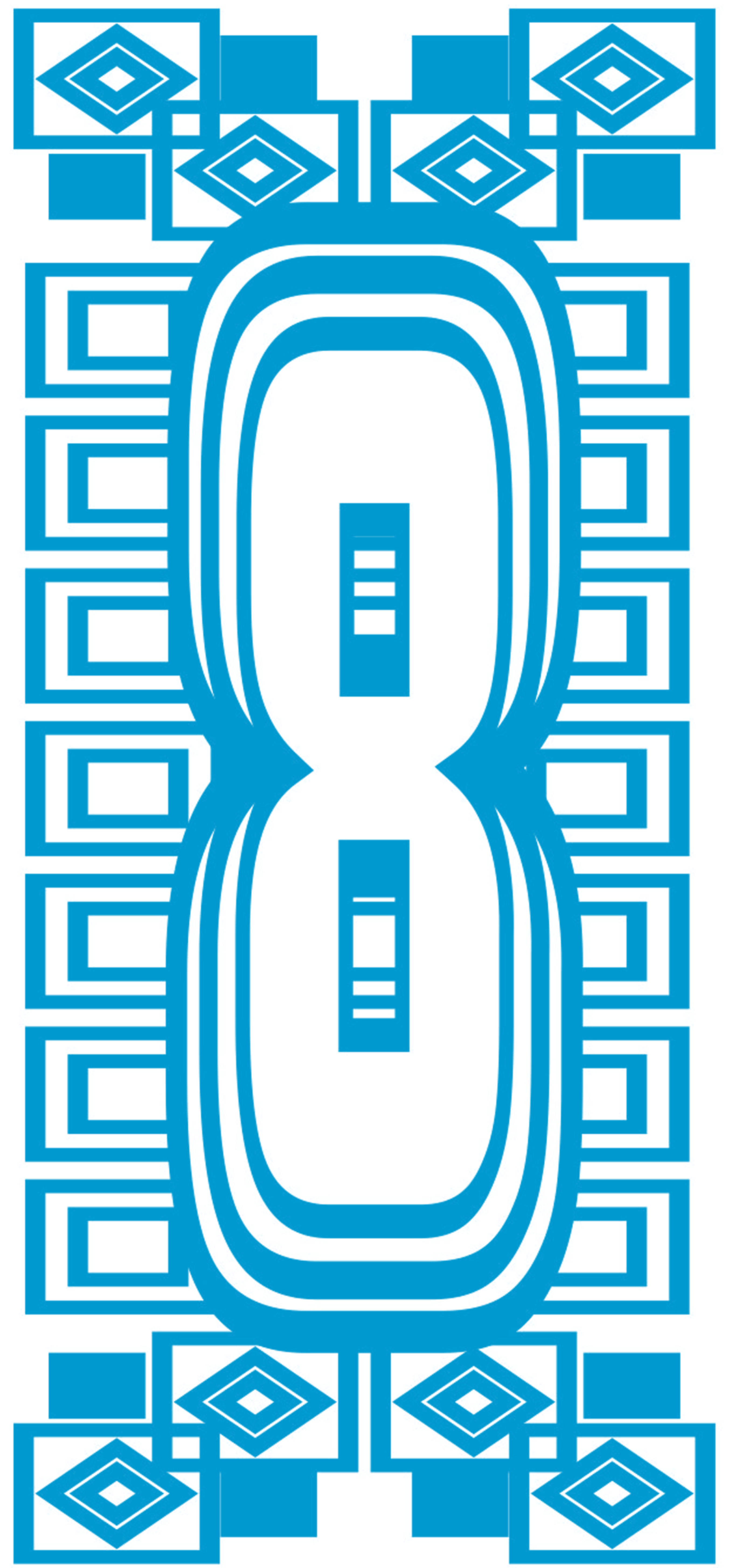
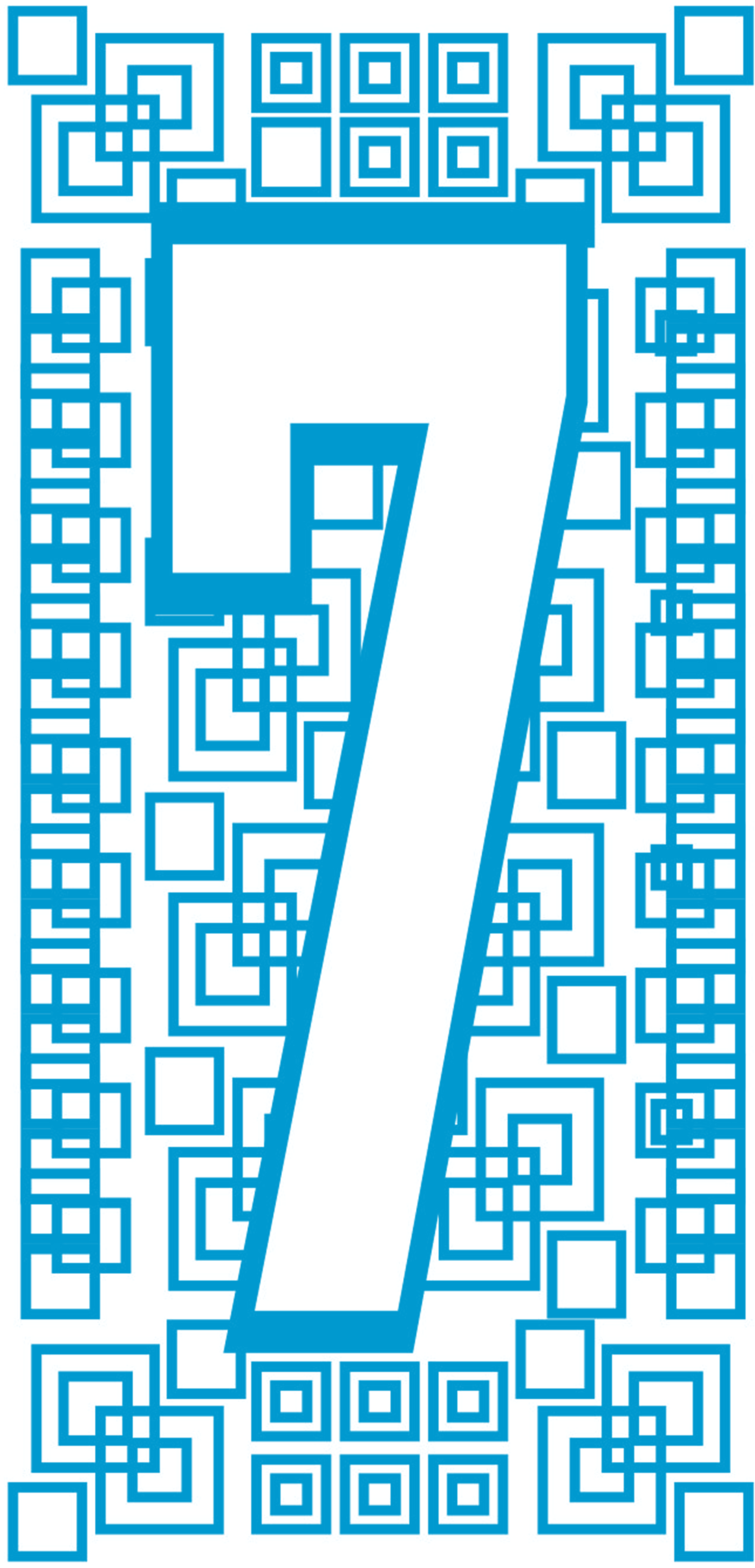




# Reformed pasture

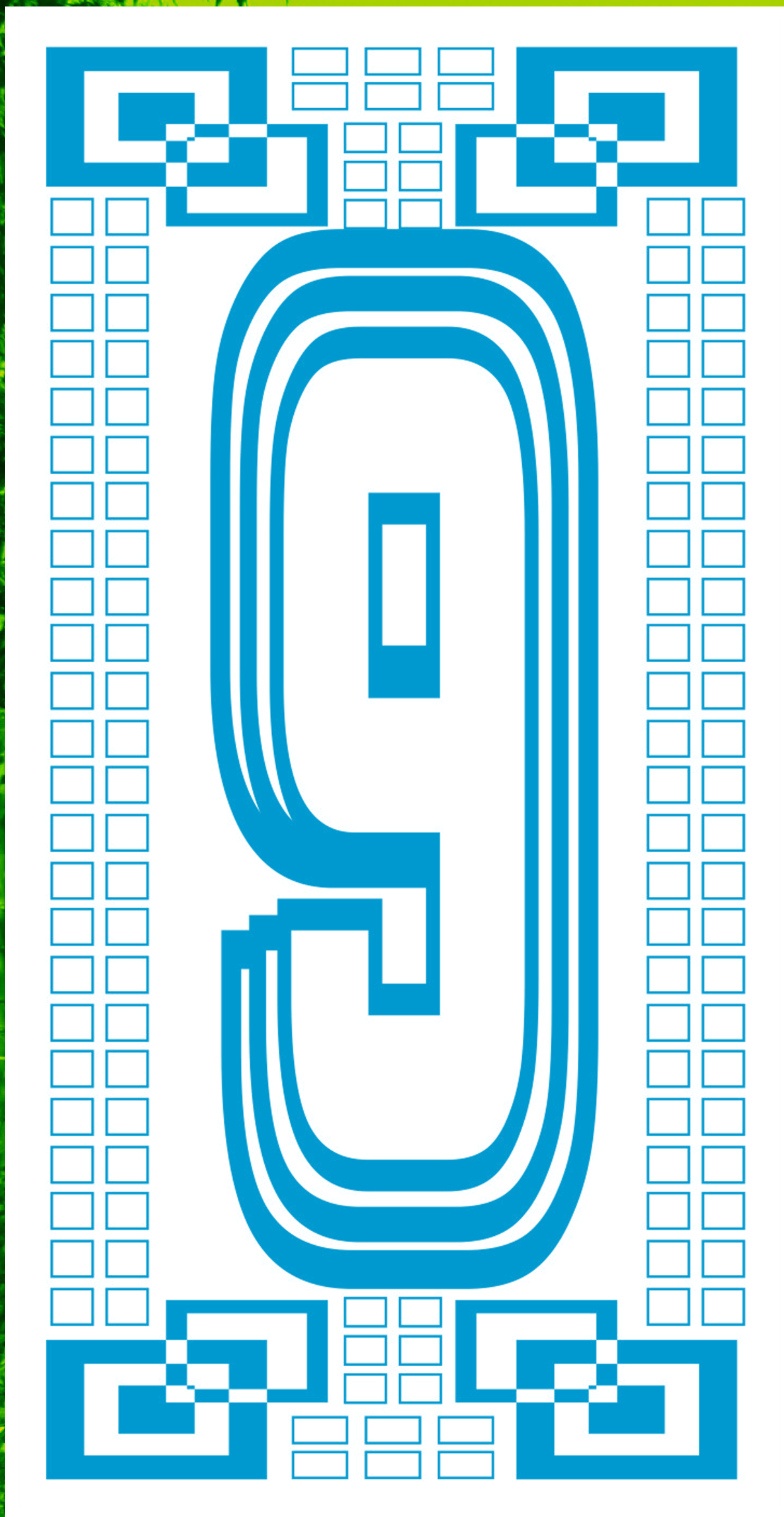






# Crop and pasture rotation





# Integration of agriculture production and forestry





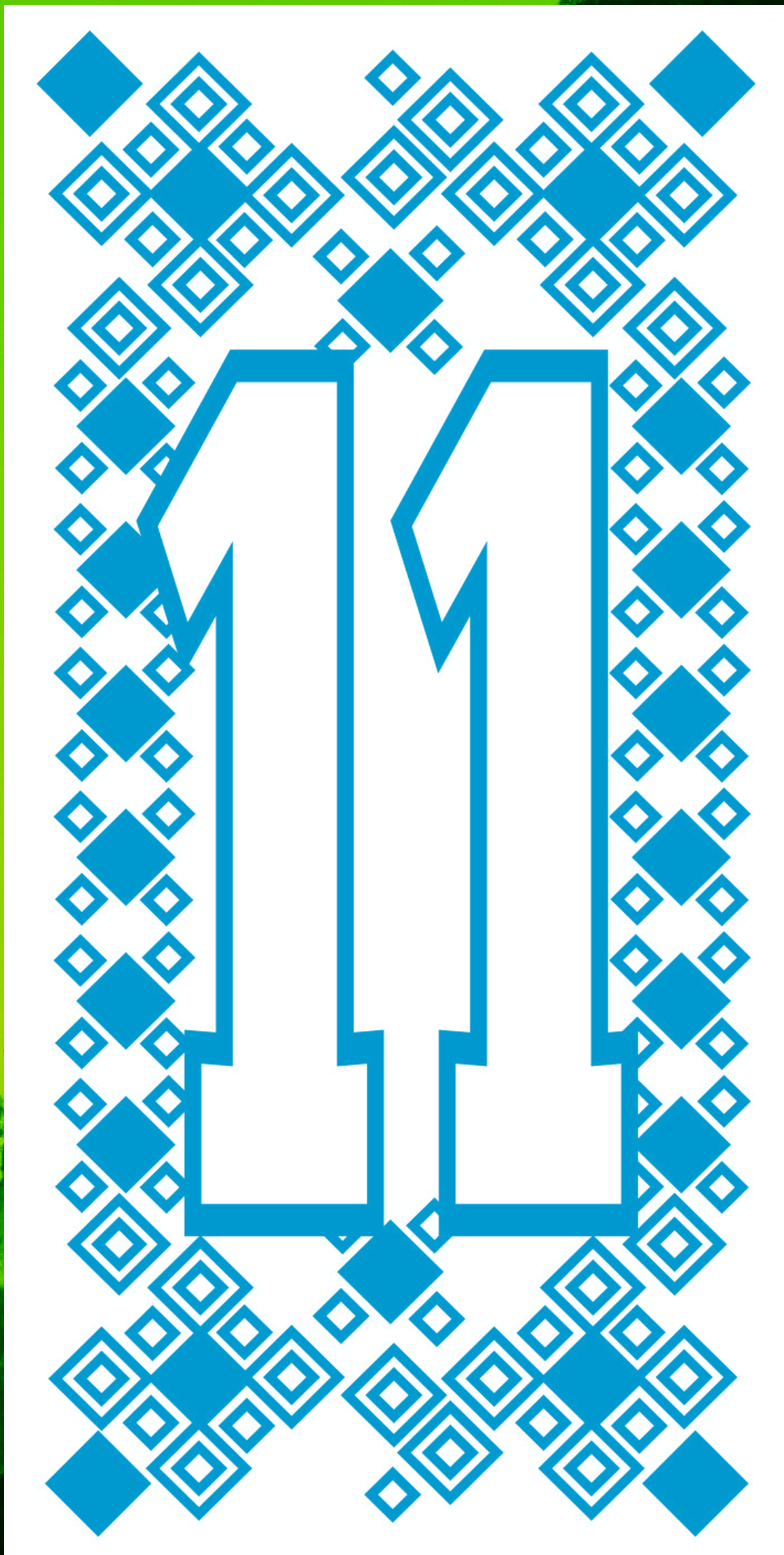
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# System of forestry production



ICLFnetwork





# Animal thermal comfort





# Nutrient recycling





# Carbon fixation and cycling of greenhouse gases





# Effect of reducing tree population





ICL F network