

**TECHNO-ECONOMIC ANALYSIS OF LPWA-BASED  
INTERNET OF THINGS (IOT) DEPLOYMENT  
USE CASE : SMART METERING**

**THESIS**

**Thesis submitted to  
School of Electrical Engineering  
Telkom University**



**By**

**AMRIANE HIDAYATI**

**2101171001**

**IN PARTIAL FULLFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF ELECTRO-TELECOMMUNICATION  
IN SCHOOL OF ELECTRICAL ENGINEERING**

**2019**