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library(readxl)

library(ggplot2)

data_excel <- readxl::read_xlsx("C:/Users/jocat/OneDrive/Ambiente de Trabalho/electricity.xlsx")

data <- subset(data_excel, YEAR >= 2015 & COUNTRY %in% c("IEA Total", "Hungary", "Iceland") & PRODUCT ==
"Renewables")

data$share <- as.numeric(data$share)

data$DATE <- as.Date(paste(data$YEAR, data$MONTH, '01', sep="-"))

data$renewable100 <- data$share * 100

p <- ggplot(data, aes(x = DATE, y = renewable100, color = COUNTRY)) +

  geom_line(size = 1.5) +

  labs(title = "Evolution since 2015", x = "Year", y = "Percentage Renewables") +

  ylim(0, 100) +

  theme_minimal()

print(p)

```

